

REPORT OF THE FOURTH AND FIFTH ANNUAL

# Canadian National Egg-Laying Contests

By F. C. ELFORD, Dominion Poultry Husbandman

AND

A. G. TAYLOR, B.S.A., Poultry Husbandman



Agriculture  
Canada

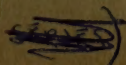
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POULTRY DIVISION  
DOMINION EXPERIMENTAL FARMS

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OTTAWA  
F. A. ACLAND  
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY  
1925



# CANADIAN NATIONAL EGG-LAYING CONTEST

1922-23 and 1923-24

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## GENERAL

### THE PURPOSE OF THE LAYING CONTEST

The purpose of the Canadian National Egg-Laying Contest may be said to be threefold. (1) To stimulate interest in the breeding of birds for egg production. (2) To provide a medium for registration. (3) To secure data of an investigational nature.

The first purpose—to stimulate interest in the breeding of birds for egg production—was the primary motive and in this regard laying contests have been remarkably successful. Much valuable data have been secured by these laying contests, and when properly worked out should be of great value to the poultry industry.

The main purpose of the contests, however, is to provide a medium for registration of poultry. In this regard Canada is unique, being the only country where egg-laying contests are so standardized that they are all controlled by a central executive body and operated under the same rules and regulations.

### CONTEST DEVELOPMENT

"The Canadian National Egg-Laying Contest" started November 1, 1919, with six provincial contests, and the Canadian Contest at Ottawa. The following year three additional provincial contests were started making ten contests in all.

In 1921 the Quebec Contest was divided into two parts to be known as the "Quebec Western" at Lennoxville, and the "Quebec Eastern" at Ste. Anne de la Pocatiere. These two contests together with those held the previous year were conducted in 1921-22 and again the following year.

On November 1, 1913, an additional contest was started at Sidney, B.C., known as the Vancouver Island Egg-Laying Contest, making twelve contests for the year 1923-24.

### HOUSES AND YARDS

Two different types of houses are being used for laying-contest work. Most of the birds are housed in colony houses while the contests in Quebec and British Columbia are housed in continuous houses. The continuous house is more economical from the labour standpoint and saves expense in construction.

Yards are provided for some of the contest birds while other are confined to the pen throughout the entire year.

Both systems have their advantages from the standpoint of egg production, but since the contests are developing into a breeding proposition, yards will eventually be provided for all contest birds.

### CHANGING THE CONTESTS

The fifty-two-week contests leave little time to send out the birds at the close of the contest-year and put the new birds into the laying pens. In order to assist in the change-over, the practice of sending home any birds which



have stopped laying during the last weeks of the contest, was considered advisable. This practice proves of great assistance to those in charge of the work and in no way interferes with production. When these houses have been emptied of birds they are then cleaned and disinfected and prepared for the incoming birds. The ideal system would be to have double housing accommodation, when the incoming contest birds could be housed without interfering with the birds which are finishing their contest-year.

#### CONTEST EGG-WEIGHTS

Careful weighings are kept of the eggs laid by each bird throughout the contest.

The practice which is adopted is to weigh every egg at the commencement of the contest, the weight being recorded on the egg report for future reference. Only eggs averaging 20 ounces or over the dozen are counted.

As the egg yield increases and eggs begin to run normal in size, weighings are taken once weekly, and always on the same day each week. All eggs are weighed the day after being laid and are therefore in the same degree of freshness making weighings as uniform as possible.

#### REGISTRATION

Registration certificates are issued to all birds which qualify for them. This is a new section in poultry breeding work and has been made possible by using the egg-laying contests as the medium for registration. No other country has a national system of registering poultry and no bird can be registered in Canada except through the egg-laying contests. The Canadian National Live Stock Records Office, Ottawa, issue all registration certificates, thus placing the registration of poultry on an equal plane with live stock.

#### KEY TO VARIETIES

Throughout this report abbreviations for each breed or variety are frequently used and the following key is an explanation of their use:—

Barred Plymouth Rock—B.R.  
 White Plymouth Rock—W.R.  
 Partridge Plymouth Rock—P.R.  
 White Wyandotte—W.W.  
 Columbian Wyandotte—C.W.  
 Silver Laced Wyandotte—S.W.  
 Single-Comb Rhode Island Red—S.C.R.I.R. or R.I.R.  
 Rose-Comb Rhode Island Red—R.C.R.I.R.  
 Single-Comb White Leghorn—W.L.  
 Single-Comb Brown Leghorn—S.C.Br.L.  
 Single-Comb Black Leghorn—Bl.L.  
 Rose-Comb White Leghorn—R.C.W.L.  
 Single-Comb Ancona—S.C.A. or Anc.  
 White Orpington—W.O.  
 Buff Orpington—B.O.  
 Blue Andalusian—B.A.  
 Black Langshan—B.L.  
 Chantecler—Ch.

#### RULES AND REGULATIONS

The rules and regulations governing the fourth and fifth Canadian National Egg-Laying Contest are very similar to those previously in force and a copy



of those used in the fifth year, 1923-24, is given in detail. Changes worthy of mention are:—

1. The addition of the Vancouver Island Egg-Laying Contest in November 1923.
2. The privilege of transferring entries from one province to another should space be available.
3. The payment of registration fees for all birds which qualify for such in the Canadian National Poultry Record Association.

Rules and regulations governing the Canadian National Egg-Laying Contest for 1923-24 are as follows:—

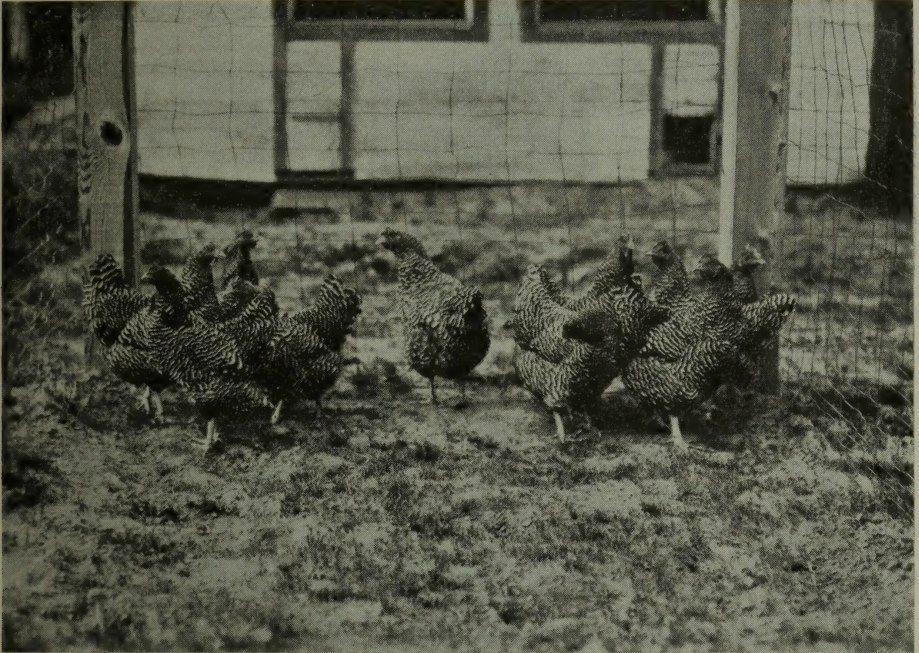


Fig. 1.—B.P. Rocks in the B.C. Laying Contest. Laid 2,601 eggs in 52 weeks—a world's record.

## CANADIAN NATIONAL EGG-LAYING CONTEST (REGISTRATION)

DOMINION EXPERIMENTAL FARMS

### ANNOUNCEMENT

The Dominion Experimental Farms will conduct a fifth series of egg-laying contests beginning November 1, 1923, to continue for 52 consecutive weeks. The names and locations of the contests will be as follows:—

#### CANADIAN CONTEST

Canadian Egg-Laying Contest,  
Experimental Farm, Ottawa, Ont.

#### PROVINCIAL CONTESTS

Prince Edward Island Egg-Laying Contest,  
Experimental Station, Charlottetown, P.E.I.  
Nova Scotia Federal Egg-Laying Contest,  
Experimental Farm, Nappan, N.S.  
New Brunswick Egg-Laying Contest.  
Experimental Station, Fredericton, N.B.



PROVINCIAL CONTESTS—*Con.*

Quebec Eastern Egg-Laying Contest,  
Experimental Station, Ste. Anne de la Pocatière Que.  
Quebec Western Egg-Laying Contest,  
Experimental Station, Lennoxville, Que.  
Ontario Egg-Laying Contest,  
Experimental Farm, Ottawa, Ont.  
Manitoba Egg-Laying Contest,  
Experimental Farm, Brandon, Man.  
Saskatchewan Egg-Laying Contest,  
Experimental Farm, Indian Head, Sask.  
Alberta Egg-Laying Contest,  
Experimental Station, Lethbridge, Alta.  
British Columbia Egg-Laying Contest,  
Experimental Farm, Agassiz, B.C.  
Vancouver Island Egg-Laying Contest,  
Experimental Station, Saanichton, Vancouver Island, B.C.

NOTE.—The "Canadian" is open, The "Provincial" is open to entries from within the province in which it is held. In the event, however, of there being room in any contest, entries from other provinces may be accepted if approved by the Dominion Poultry Husbandman.

*Space being limited, any entry may be refused.*

*Fees.*—The entry fee for each pen in the Canadian Egg-Laying Contest at Ottawa is \$15.00 and for each pen in all provincial contests \$5. This covers registration and membership fee in the Canadian National Poultry Record Association. One-fifth the entry fee shall accompany the application, which must be received before August 15, the balance to be paid upon notification of acceptance of the entry on or before September 30. In the event of the entry not being accepted, the first payment will be refunded.

If the balance of the entry fee is not received on or before October 10 the application may be cancelled and the first payment forfeited. Failure to forward the pen when instructed will automatically cancel the entry and all fees paid will be forfeited. *Cheques or money orders shall be made payable at par in Ottawa, and made out to the "Accountant for Egg-Laying Contests."*

*Entries.*—Entry forms, Rules and Regulations will be supplied upon application to the Dominion Poultry Husbandman, Central Experimental Farm, Ottawa, or to the Superintendent of the Experimental Farm upon which the contest is to be conducted. (See names of contests above). Entries must be made direct to the Superintendent of the Farm upon which the contest is held, except entries in the contest at Ottawa, which should be sent to the Dominion Poultry Husbandman, together with the first payment before August 15.

*Government Institutions.*—No fee will be charged for entries from Departments or Institutions receiving Government aid, but all fees pertaining to registration must be paid by said institutions.

## CANADIAN NATIONAL EGG-LAYING CONTESTS 1923-24

## (REGISTRATION)

## DOMINION EXPERIMENTAL FARMS

## RULES AND REGULATIONS

1. *Number.*—Each entry or pen shall consist of ten birds of a standard variety; each bird must be typical of the breed and free from standard disqualifications as laid down in the *Standard of Perfection*.

2. *Substitution.*—Each contestant will be allowed to keep his pen of 10 birds up to full strength throughout the year. In the Canadian Contest two reserves, intended as substitutes, must accompany the original birds and will be housed with them in the pen. The 10 birds for the original pen must be specified before the contest begins. Further substitution will be allowed as deaths occur. In the provincial contests substitutes will be accepted when deaths occur.

3. *Acceptance of Entries.*—The accommodation being limited any entry may be refused, and preference will be given to the following, but not necessarily in the order named.

1. To breeders who have had their flocks entered in Record of Performance.
2. To breeders who enter birds bred by themselves.
3. The Inspector's report of the flock.
4. The time of application.

4. *Inspection.*—Pens for which applications have been received are subject to inspection between August 15 and September 30, and those that prove to be amongst diseased flocks or kept under unsanitary conditions will be rejected. Those that do not promise to mature satisfactorily, or those that may mature too early may be rejected.



5. *Declaration of Health.*—Each entry of a pen and each additional entry of a female must be accompanied by a declaration stating that the bird or birds come from a flock that has not been affected with chicken-pox or tuberculosis for at least three months previously.

6. *Banding.*—The birds should be leg-banded by the owner with his own bands before shipment, but will be rebanded with sealed "Contest bands" upon arrival at the contest, and his original bands removed. The contest numbers corresponding to the owner's numbers will be supplied him.

7. *Delivery.*—The birds must be delivered at the contest when notified, express prepaid. This will be from the 15 to the end of October. Address the shipping crate plainly with the address of the contest as given in the announcement and on each crate put your own address, which must be the same as the address under which the application was made.

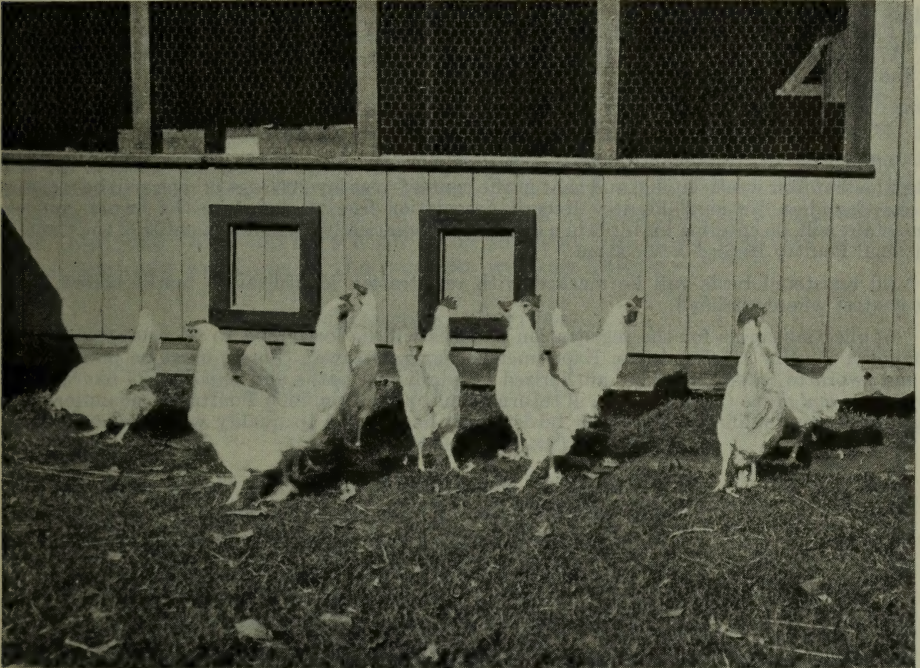


Fig. 2.—Leading pen in Canadian Contest in 1922-23. Owned by Hollywood Poultry Farm, Hollywood, Wash. Record, 2,275 eggs.

8. *Rejection.*—The right is reserved to refuse any entries, to reject and return to the owner those which are in any way unsuitable for the contest, to destroy birds suffering from contagious or infectious diseases, to clip the wings of any bird that may be troublesome, to reject all birds that show impurity of breeding or standard disqualifications, and to return to the owner pens from which eggs have not been received by December 15.

9. *Withdrawal of Pens.*—Entries are accepted with the understanding that the pens are to complete the entire 52 weeks. This is very necessary so that comparisons and records of each breed and breeder's work may be complete. The right is reserved to return pens to their owners when occasion arise.

10. *Feeding and Housing.*—While in the contest the birds will receive the best of food and care, and the system of feeding will be mixed grain in litter morning and evening, and dry mash in a hopper before them all the time. Green feed, grit, shell and beef scrap or green bone will also be supplied. They will be kept in houses having glass and cotton fronts.

11. *Eggs Counted.*—The contest shall be decided by the total number of marketable eggs laid by each pen. Exceedingly badly shaped eggs, soft-shelled eggs or eggs weighing less than 20 ounces to the dozen will not be given official credit.

12. *Disposal of Eggs.*—All eggs laid during the contest become the property of the Department of Agriculture, and will be sold at market prices.



13. *Reports.*—A report of the trap-nest weekly record of each bird, and a weekly and total record of each pen, will be issued at the close of each week. Copies of this report together with a six months' summary will be sent to each contestant, and to all papers that desire to publish them.

14. *The Return of Birds.*—If no notification as to the return of the birds has been received by October 1, the birds at the completion of the contest will be sent by express collect, to the owner's address from which the shipment was made. Should any of the pens not be laying towards the close of the contest, and appear not likely to lay before the end, they will be returned earlier, so as to make room for birds entering for the next contest.

15. *Sale or Transfer.*—No recognition will be made of any sale or transfer of birds during the contest.

16. *Responsibility.*—While every protection will be taken, all contest birds are at owner's risk.

17. *Final Decision.*—In all cases, the decision of the Dominion Poultry Husbandman shall be final.

#### REGISTRATION

All birds in the contest not otherwise disqualified whose eggs average 24 ounces to the dozen after the first four weeks laying, and that in the contest-year lay 200 eggs or over will be registered in the Canadian National Poultry Record Association free of charge to the owner, and each contestant will, on entering his birds in a contest, automatically become a member of the Canadian National Poultry Record Association.

All registered birds will be marked with registration identification marks before leaving the contest where qualified.

Application forms for the registration of birds will be forwarded to all contestants by the Dominion Poultry Husbandman, Experimental Farm, Ottawa. Forms must be properly filled in and sworn to before an officer authorized to administer oaths and *immediately returned to the Superintendent of the Contest*, who will return them to the Dominion Poultry Husbandman when the birds have qualified. Forms for birds which have failed to qualify will be destroyed.



## PART I.

FOURTH ANNUAL CANADIAN NATIONAL EGG-LAYING CONTEST  
1922-23

A series of egg-laying contests was conducted by the Experimental Farms' Branch of the Department of Agriculture, starting November 1, 1922, and ending October 30, 1923. A laying contest was conducted in each province in Canada, and the Canadian Contest was held at the Experimental Farm, Ottawa. There was an increase in the number of pens entered over the previous year, and the total aggregate of birds entered for these contests was 3,000. The names and locations of the contests were as follows:—

## CANADIAN CONTEST

Canadian Egg-Laying Contest.  
Experimental Farm, Ottawa, Ont.

## PROVINCIAL CONTESTS

Prince Edward Island Egg-Laying Contest,  
Experimental Station, Charlottetown, P.E.I.  
Nova Scotia Federal Egg-Laying Contest,  
Experimental Farm, Nappan, N.S.  
New Brunswick Egg-Laying Contest,  
Experimental Station, Fredericton, N.B.  
Quebec Eastern Egg-Laying Contest,  
Experimental Station, Ste. Anne de la Pocatière, Que.  
Quebec Western Egg-Laying Contest,  
Experimental Station, Lennoxville, Que.  
Ontario Egg-Laying Contest,  
Experimental Farm, Ottawa, Ont.  
Manitoba Egg-Laying Contest,  
Experimental Farm, Brandon, Man.  
Saskatchewan Egg-Laying Contest,  
Experimental Farm, Indian Head, Sask.  
Alberta Egg-Laying Contest,  
Experimental Station, Lethbridge, Alta.  
British Columbia Egg-Laying Contest,  
Experimental Farm, Agassiz, B.C.

## CANADIAN EGG-LAYING CONTEST—OTTAWA

## LIST OF ENTRANTS

With individual and total production 1922-23

Pen	Owner and Address	Breed	Bird No.										Floor	Total
			1	2	3	4	5	6	7	8	9	10		
1	J. R. Stork, St. Catharines, Ont.	B.R....	142	108	*179	*97	*140	160	98	155	201	203	1	1,483
2	Rev. H. A. E. Clarke, Maberly, Ont.	B.R....	112	106	197	178	42	128	216	186	131	289	2	1,585
3	G. E. Hall, Trafalgar, Ont.	B.R....	154	142	*190	*148	*158	*151	143	*166	*66	191	1	1,509
4	Arthur Dalgarno, Tara, Ont.	B.R....	232	195	232	231	175	184	206	173	142	203	2	1,973
5	Jos. C. Brown, Tara, Ont.	B.R....	89	77	151	*157	*140	147	207	140	153	123	0	1,386
6	R. A. Snowball, Chatham, N.B.	B.R....	195	*105	101	170	183	239	*162	215	*230	*96	2	1,696
7	Hayfield Bros., Oromocto, N.B.	B.R....	*169	149	D 40	116	D 23	198	238	D 38	133	D 51	1	1,155
8	W. E. B. Tait, Dorchester, N.B.	B.R....	158	*166	202	222	130	*134	231	*124	*171	178	2	1,716
9	W. J. Johnston, Meaford, Ont.	B.R....	*200	163	218	*154	231	197	160	*199	168	154	0	1,844
10	French Bros., Newmarket, Ont.	B.R....	59	201	*171	215	221	66	156	173	202	*173	3	1,637
11	E. Baillie, Newmarket, Ont.	B.R....	184	184	161	241	197	119	203	181	*188	179	.....	1,837
12	J. W. Clark, Cainsville, Ont.	B.R....	265	*134	203	217	233	175	190	153	220	168	5	1,958
13	Laurel P. Farm, Rougemont, Que.	B.R....	186	*184	*228	161	186	176	183	203	167	179	11	1,853
14	Ferguson Farms, Dyersburg, Tenn.	B.R....	197	D 10	187	*152	160	153	194	231	152	240	9	1,676
15	H. E. Dennison, East Lansing, Mich.	B.R....	*154	*182	*173	167	222	199	*140	185	144	174	5	1,740
16	Culp's P. Farm, Berkeley, Ont.	BR....	217	169	232	238	229	193	164	212	148	193	1	1,995
17	Hope P. Farm, Billings Bridge, Ont.	B.R....	*178	177	121	131	156	232	260	204	79	216	0	1,754
18	W. E. L. Coleman, Ottawa, Ont.	B.R....	169	*89	145	276	138	156	189	163	120	149	0	1,594
19	J. R. Baker, Batteau, Ont.	B.R....	220	184	*152	177	*110	162	144	*156	*158	168	3	1,636
20	J. C. Quanbury, Port Dover, Ont.	B.R....	162	129	213	214	205	*147	*199	*61	171	175	4	1,676
21	Harvey Simpson, Leamington, Ont.	W.R....	211	209	*152	123	152	162	109	140	159	197	0	1,614
22	J. W. Butler, Montreal, Que.	R.I.R....	133	114	5	128	114	84	156	121	85	180	1	1,120
23	W. H. Fisher, Ayton, Ont.	W.W....	221	220	*182	209	215	235	156	166	135	*169	2	1,908
24	H. E. Dennison, E. Lansing, Mich.	W.W....	152	178	134	D 82	158	*156	D 31	D 37	259	D	4	1,187
25	E. C. Foreman, E. Lansing, Mich.	W.W....	146	170	138	162	161	*155	182	63	105	161	2	1,443
26	Oka Agri. Institute, La Trappe, Que.	Ch....	*10	*119	*107	166	*120	*99	117	70	70	*114	2	992
27	N. H. Gamp, New Hamburg, Ont.	Anc....	169	159	181	164	*207	231	224	141	154	180	4	1,810
28	J. C. Quanbury, Port Dover, Ont.	W.L....	179	158	117	88	151	*88	100	219	219	134	0	1,453
29	R. J. Penhall, Port Dover, Ont.	W.L....	174	219	195	127	243	203	*207	242	201	198	0	2,009
30	Ottawa E. P. Yards, Ottawa, Ont.	W.L....	192	255	208	*182	215	133	176	261	123	170	4	1,915
31	Philip Heinrich, Waterloo, Ont.	W.L....	154	232	169	*223	*188	184	172	165	237	124	0	1,848
32	C. M. Goddard, Britannia Heights, Ont.	W.L....	183	249	182	130	198	176	253	201	155	104	5	1,831
33	Stork & Ruddle, St. Catharines, Ont.	W.L....	154	196	180	221	193	*188	131	178	166	153	3	1,760
34	G. S. Dundas, Markdale, Ont.	W.L....	184	193	156	217	210	207	196	224	158	161	2	1,906
35	Meadowedge Farm, Cedarhurst, N.Y.	W.L....	141	153	248	181	205	264	209	*177	255	250	1	2,083
36	Dr. I. H. Ante, Richmond Hill, Ont.	W.L....	247	175	*150	88	167	205	152	161	177	196	1	1,718
37	Lewis N. Clark, Port Hope, Ont.	W.L....	223	135	259	146	*240	278	*189	210	240	168	5	2,088
38	G. A. Wood, Peterboro, Ont.	W.L....	235	228	*127	*110	33	236	*116	208	209	182	0	1,684
39	H. Bolivar, Cloverdale, B.C.	W.L....	*169	*121	*177	*219	*107	173	*209	*146	*214	*197	4	1,732
40	J. S. Westmoreland, Guelph, Ont.	W.L....	119	224	170	176	*237	181	188	143	164	244	1	1,846
41	Russell, Sulley, Courtice, Ont.	W.L....	D136	223	174	*55	112	162	205	186	190	205	0	1,648

\*—Substituted.

D—Dead but not substituted.



## CANADIAN EGG-LAYING CONTEST—OTTAWA

## LIST OF ENTRANTS—Concluded

With individual and total production 1922-23—Concluded

Pen	Owner and Address	Breed	Bird No.										Floor	Total
			1	2	3	4	5	6	7	8	9	10		
42	Geo. B. Ferris, Grand Rapids, Mich.....	W.L....	165	223	174	106	188	170	191	176	158	132	5	1,683
43	Dunn Farms, Mattapoisett, Mass.....	W.L....	*106	*72	201	*121	*38	*161	*29	0	*142	*26	1	896
44	Hollywood P. Farm, Hollywood, Wash.....	W.L....	259	*186	*245	*263	253	183	289	299	48	250	5	2,275
45	Manor Farms, Clarkson, Ont.....	W.L....	148	145	164	142	112	166	155	163	156	165	3	1,516
46	Ed. Lawless, Grafton, Ont.	W.L....	*114	27	74	171	204	*199	226	*168	88	191	6	1,462
47	G. E. Hall, Trafalgar, Ont.	W.L....	196	183	169	139	163	201	236	*176	113	135	3	1,711
48	W. J. Richardson, Caledonia, Ont.....	W.L....	*163	204	149	186	*114	169	213	*129	*64	195	0	1,586
49	J. W. Butler, Montreal, Que.....	W.L....	*30	134	119	92	179	191	*137	186	187	165	0	1,420
50	Ont. Agri. College, Guelph, Ont.....	W.L....	119	250	154	187	216	222	*213	*223	191	218	2	1,993
51	Man. Agri. College, Winnipeg, Man.....	W.L....	168	183	D 84	168	189	131	D 83	139	*138	141	11	1,427
52	Experimental Farm, Ottawa, Ont.....	W.L....	161	128	166	171	215	194	*144	109	141	176	13	1,605
53	Experimental Farm, Ottawa, Ont.....	W.L....	169	183	159	185	189	203	131	145	204	205	9	1,773
54	Experimental Farm, Ottawa, Ont.....	W.L....	*144	92	128	195	178	*96	*94	118	*190	112	16	1,347
55	Experimental Farm, Ottawa, Ont.....	W.L....	129	*131	154	116	*171	*153	*124	192	173	116	10	1,459
56	Experimental Farm, Ottawa, Ont.....	W.L....	196	158	178	*163	257	102	209	*217	222	D 89	4	1,791
57	Experimental Farm, Ottawa, Ont.....	W.L....	190	160	202	*116	200	191	*78	138	133	D 155	0	1,563
58	Experimental Farm, Ottawa, Ont.....	W.L....	179	137	198	86	131	242	147	*178	64	129	11	1,491
59	Experimental Farm, Ottawa, Ont.....	W.L....	84	*74	*112	*169	116	*159	*96	D 91	*152	156	0	1,209
60	Experimental Farm, Ottawa, Ont.....	W.W....	*87	117	35	*56	174	30	49	143	49	*129	8	869
61	Experimental Station, Saanichton, B.C.....	W.W....	141	179	*122	118	76	137	129	43	196	170	21	1,311
62	Experimental Station, Summerland, B.C.....	W.W....	*38	46	147	75	120	116	182	189	51	50	13	1,014
63	Ont. Agri. College, Guelph, Ont.....	W.R....	176	*12	150	114	131	134	144	*50	51	96	13	1,058
64	Ont. Agri. College, Guelph, Ont.....	B.R....	229	161	205	156	190	160	195	196	176	190	18	1,858
65	Experimental Farm, Ottawa, Ont.....	B.R....	179	211	180	173	201	230	176	171	166	176	10	1,863
66	Experimental Farm, Ottawa, Ont.....	B.R....	*157	178	230	220	142	188	*175	260	230	152	16	1,932
67	Experimental Farm, Ottawa, Ont.....	B.R....	161	122	184	187	154	203	167	169	140	179	10	1,666
68	Experimental Farm, Ottawa, Ont.....	B.R....	201	183	153	186	186	42	210	224	207	*193	4	1,785
69	Experimental Farm, Ottawa, Ont.....	B.R....	170	110	163	134	156	133	154	121	52	142	22	1,335
70	Experimental Farm, Ottawa, Ont.....	B.R....	142	205	167	210	129	176	159	140	*53	171	8	1,552

\*—Substituted.

D—Dead but not substituted.

## CANADIAN EGG-LAYING CONTEST—OTTAWA

## TABLE SHOWING PRODUCTIVE COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1922-23

Pen number	Scratch grain	Meal mixture	Meat feed	Green feed	Milk	Grit	Shell	Total cost	Eggs laid	Value	Gain	Feed cost per dozen
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	\$	No.	\$	\$	c.
1	389	300-0	83-0	153	650	38-0	112-5	22 63	1,483	61 04	38 41	18-2
2	448	299-0	68-5	153	650	29-0	66-0	22 69	1,585	67 53	44 84	16-6
3	404	231-5	58-5	153	650	22-5	53-0	19 65	1,509	59 85	40 20	15-6
4	448	373-5	72-55	153	650	40-5	107-5	24 78	1,973	78 55	53 77	15-0
5	396	279-0	52-5	153	650	28-5	118-0	20 84	1,386	57 53	36 69	18-0
6	429	272-5	57-5	153	650	19-5	65-0	21 04	1,696	67 89	46 85	14-7
7	330	183-0	74-0	153	650	15-0	57-0	17 89	1,155	50 10	32 21	18-4
8	434	261-5	73-5	153	650	34-5	86-0	22 04	1,716	67 16	45 12	15-3
9	396	376-25	61-5	153	650	10-75	90-5	22 79	1,844	76 33	53 54	14-7
10	432	286-0	65-5	153	650	17-5	60-5	21 70	1,637	67 02	45 32	15-8
11	412	387-0	75-5	153	650	21-75	88-5	24 65	1,837	75 49	50 84	15-9
12	468	374-75	70-5	153	650	32-5	126-75	26 05	1,958	81 84	55 79	15-9
13	417	339-25	66-25	153	650	32-75	84-25	23 66	1,853	80 21	56 55	15-2
14	462	245-75	57-0	153	650	15-0	67-0	21 14	1,676	68 89	47 75	15-1
15	401	312-5	65-0	153	650	21-5	67-0	21 66	1,740	68 39	46 73	14-8
16	444	313-75	67-5	153	650	27-25	113-25	23 89	1,995	81 88	57 99	14-2
17	418	313-5	83-0	153	650	38-0	84-5	23 23	1,754	72 57	49 34	15-8
18	474	236-5	77-5	153	650	25-0	91-0	22 54	1,594	64 51	41 97	16-9
19	434	287-5	65-5	153	650	30-0	49-5	21 65	1,636	63 43	41 78	15-8
20	425	292-5	80-5	153	650	18-5	82-5	22 76	1,676	72 49	49 73	16-2
21	490	356-75	55-0	153	650	42-5	131-0	24 72	1,614	62 50	37 78	18-3
22	387	362-5	76-5	153	650	25-5	74-0	23 04	1,120	41 84	18 80	24-6
23	462	297-75	31-5	153	650	16-25	96-0	21 24	1,908	81 33	60 09	13-3
24	386	211-5	21-0	153	650	17-5	35-5	16 81	1,187	50 18	33 37	16-9
25	451	300-5	66-0	153	650	27-5	65-0	22 54	1,443	59 91	37 37	18-7
26	403	212-5	49-5	153	650	15-5	46-5	18 68	992	38 15	19 47	22-5
27	386	253-25	54-5	153	650	17-0	51-5	19 48	1,810	77 27	57 79	12-8
28	348	312-25	55-5	153	650	22-5	42-0	19 84	1,453	56 01	36 17	16-3
29	393	257-75	34-75	153	650	32-75	52-5	19 66	2,009	81 50	61 84	12-2
30	394	335-0	39-0	153	650	22-75	67-0	21 37	1,915	77 61	56 24	13-3
31	466	251-25	48-25	153	650	23-0	46-75	20 66	1,844	75 09	54 43	13-4
32	396	310-25	71-5	153	650	39-0	48-5	20 78	1,831	75 53	54 75	13-5
33	425	279-5	68-0	153	650	32-5	44-5	21 51	1,760	72 31	50 80	14-6
34	367	374-5	61-75	153	650	20-0	59-5	17 24	1,906	74 71	57 47	13-2
35	390	354-5	53-0	153	650	25-25	50-25	21 54	2,083	86 21	64 67	12-3
36	400	234-25	42-0	153	650	13-0	52-0	18 72	1,718	72 61	53 89	22-6
37	386	294-5	53-5	153	650	24-0	47-75	15 31	2,088	88 62	73 31	16-3
38	414	294-75	43-0	153	650	17-5	46-0	20 25	1,684	70 69	50 44	14-4
39	365	260-75	35-5	153	650	23-5	66-5	18 43	1,732	78 26	59 83	12-7
40	434	285-0	33-75	153	650	13-25	56-75	20 08	1,846	77 27	57 19	12-9
41	393	265-25	48-0	153	650	37-0	56-5	19 73	1,648	68 20	48 47	14-2
42	396	314-25	45-5	153	650	33-5	54-0	17 59	1,683	62 17	44 58	12-4
43	309	228-75	22-0	153	650	29-5	42-5	15 77	897	36 93	21 16	21-2
44	450	309-75	42-0	153	650	21-75	48-25	13 74	2,277	98 05	84 31	19-8
45	367	306-75	52-5	153	650	31-0	60-5	20 13	1,516	61 04	40 91	15-8
46	403	301-5	51-5	153	650	51-0	55-0	20 95	1,462	59 26	38 31	17-1
47	419	265-0	44-5	153	650	19-5	40-5	19 79	1,711	66 32	46 53	13-8
48	433	256-75	66-5	153	650	34-5	65-0	21 37	1,586	63 60	42 23	16-0
49	356	259-5	40-5	153	650	33-5	49-5	18 38	1,420	52 75	34 37	15-4
50	463	230-5	49-0	153	650	16-0	52-0	20 33	1,993	78 10	57 77	12-2
51	433	194-25	37-0	153	650	13-5	29-5	18 14	1,427	60 66	42 52	15-2
52	405	244-0	35-5	153	650	17-0	29-0	18 54	1,605	64 12	45 58	13-8
53	452	184-25	55-0	153	650	23-5	40-0	19 43	1,773	71 64	52 21	12-1
54	411	177-5	33-0	153	650	10-5	25-5	17 08	1,347	57 98	40 90	15-1
55	449	147-5	35-0	153	650	12-0	28-0	17 41	1,459	61 00	43 59	14-2
56	459	254-5	38-0	153	650	20-5	42-0	20 11	1,791	75 66	55 55	13-4
57	466	194-5	27-0	153	650	13-5	32-0	18 37	1,563	65 18	46 81	14-0
58	429	174-5	38-0	153	650	18-5	38-5	17 84	1,491	61 80	43 96	14-2
59	520	199-5	38-5	153	650	13-5	36-0	20 19	1,209	46 42	26 23	19-9
60	438	233-0	16-5	153	650	30-0	44-5	18 35	869	36 23	17 88	25-5
61	497	301-0	34-0	153	650	25-0	47-5	21 83	1,311	52 93	31 10	19-9
62	472	365-5	48-5	153	650	32-5	38-5	23 18	1,014	42 91	19 73	27-3
63	523	200-0	44-5	153	650	25-5	27-5	20 56	1,058	42 17	21 61	24-0
64	472	347-75	48-0	153	650	35-0	36-0	22 80	1,858	74 71	51 91	14-6
65	501	347-25	58-0	153	650	29-0	41-5	23 89	1,863	78 60	54 71	15-3
66	533	266-5	56-0	153	650	32-0	40-0	22 85	1,932	80 47	57 62	14-1
67	532	179-0	45-0	153	650	26-0	34-0	20 44	1,666	66 61	46 17	14-6
68	489	311-0	55-0	153	650	42-5	33-5	22 81	1,785	75 29	52 48	15-2
69	536	229-75	52-5	153	650	28-0	41-5	22 01	1,335	54 64	32 64	19-6
70	498	253-25	50-0	153	650	30-0	36-5	21 51	1,554	62 91	41 40	16-5
Total.....	30,108	19,346-75	3,675-80	10,710	45,500	1,774-0	4,095-0	1,444 29	113,751	4,658 65	3,214 36	
Average..	430	276-3	52-5	153	650	25-3	58-5	20 63	1,625	66 53	45 91	15-1



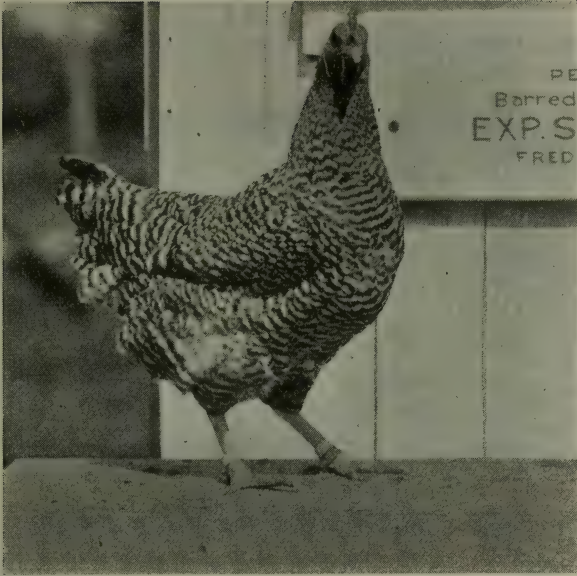


Fig. 3.—This Experimental Farm B.P. Rock laid 306 eggs in the New Brunswick Contest 1922-23. Note the clean-cut head and deep body.

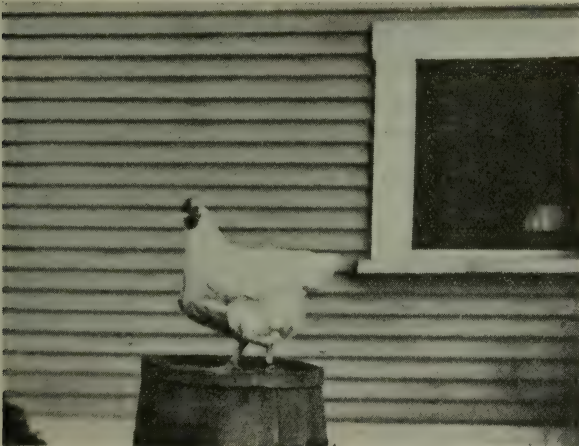


Fig. 4.—A White Wyandotte that laid 306 eggs in the B.C. Contest 1922-23. Owned by T. Bridge, Vancouver, B.C. Note the depth of body of this bird.

## PRINCE EDWARD ISLAND EGG-LAYING CONTEST—CHARLOTTETOWN

## LIST OF ENTRANTS

with individual and total production 1922-23

Pen	Owner and Address	Breed	Bird No.										Floor	Total
			1	2	3	4	5	6	7	8	9	10		
1	Mrs. J. E. Daly, Iona.....	B.R....	136	141	164	71	151	152	166	182	143	120	3	1,429
2	Bert R. Brown, York.....	B.R....	232	180	135	167	84	D111	186	190	187	155	12	1,639
3	Mrs. C. Wyand, Mayfield..	B.R....	192	193	98	178	183	62	112	118	*144	137	9	1,426
4	Pendleton Bros., Suffolk..	B.R....	228	148	234	168	148	140	180	123	179	207	11	1,766
5	Col. G. Crockett, York...	B.R....	210	151	*122	205	97	185	157	131	118	158	5	1,539
6	L. B. Toombs, North Rustice.....	B.R....	184	210	107	134	128	159	173	108	101	163	10	1,477
7	D. F. McDonald, Montague	B.R....	220	161	157	174	214	200	271	*187	223	180	9	1,996
8	Reginald Haslam, Bradalbane.....	B.R....	157	D	153	172	D	158	131	2	127	126	5	1,031
9	H. L. Machon, Murray Harbour.....	B.R....	172	165	183	184	246	151	150	204	D78	153	10	1,696
10	George F. Riley, Clinton..	R.C. R.I.R.	127	149	*61	90	86	119	138	146	122	94	22	1,154
11	Eliphelet Howatt, Fr. River.....	R.I.R.	174	105	135	185	*114	155	208	161	25	100	11	1,373
12	Augustine Wisner, Watervale.....	W.W....	179	196	140	217	144	165	186	191	193	165	16	1,792
13	D. M. Robinson, Winsloe South.....	W.W....	154	*160	147	111	155	216	93	106	156	114	21	1,433
14	Wandal Graham, Gaspereaux.....	Anc....	173	119	187	159	*103	144	166	147	79	170	46	1,493
15	Exp. Station, Charlottetown.....	W.L....	178	154	186	144	170	216	161	227	215	232	22	1,905
16	Everett Howatt, Cape Traverse.....	W.L....	147	154	188	172	195	160	146	147	220	159	29	1,717
17	Mrs. Ed. Bulpitt, Cardigan	W.L....	149	215	184	170	218	172	237	222	217	*192	6	1,982
18	Exp. Station, Charlottetown.....	W.L....	243	186	183	137	129	169	*164	228	204	215	18	1,876
19	Mrs. F. A. Ramsay, New London.....	W.L....	163	135	194	*105	169	*30	191	*111	D121	*196	47	1,462
20	J. J. McGillivray, Vernon..	W.L....	187	163	202	197	158	205	172	209	166	166	9	1,834

\*Production of more than one bird.

D Dead but not substituted.

## PRINCE EDWARD ISLAND EGG-LAYING CONTEST—CHARLOTTETOWN

## TABLE SHOWING PRODUCTIVE COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1922-23

Pen number	Scratch grain	Meal mixture	Meat feed	Green feed	Grit	Shell	Total cost	Eggs laid	Value	Grain	Feed cost per dozen
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	\$	No.	\$	\$	c.
1.....	540	173-0	14-0	246	28-0	29-0	20 58	1,429	34 74	14 16	17-2
2.....	559	168-0	17-0	246	27-0	33-0	21 46	1,639	40 81	19 35	15-3
3.....	575	195-0	17-5	246	26-0	34-0	22 21	1,426	36 92	14 71	18-6
4.....	578	211-0	16-25	246	24-25	30-0	22 50	1,766	46 01	23 51	15-2
5.....	551	209-0	16-75	246	30-0	32-0	21 96	1,539	37 52	15 56	17-0
6.....	601	200-5	15-0	246	28-5	31-0	23 05	1,477	38 11	15 06	18-9
7.....	571	238-0	16-0	246	27-0	33-0	22 32	1,996	52 58	30 26	13-3
8.....	481	148-0	17-5	246	24-75	23-0	18 28	1,031	23 70	5 42	21-2
9.....	576	202-0	17-5	246	31-0	35-0	22 54	1,696	42 03	19 49	15-8
10.....	586	166-0	10-0	246	30-0	27-0	21 25	1,154	28 00	6 75	22-0
11.....	556	212-0	15-0	246	24-0	26-0	21 96	1,373	34 69	12 73	19-0
12.....	599	220-0	9-0	246	31-0	31-0	22 78	1,792	48 07	25 29	15-2
13.....	546	253-0	9-0	246	22-0	33-0	22 19	1,433	35 30	13 11	18-4
14.....	427	124-0	6-0	246	22-0	24-0	16 96	1,493	36 97	20 01	13-5
15.....	455	136-0	11-0	246	24-5	37-0	18 61	1,905	49 65	31 04	12-2
16.....	494	212-0	13-75	246	32-5	32-75	21 14	1,717	42 93	21 79	14-7
17.....	469	205-0	8-5	246	27-0	41-0	19 84	1,982	52 22	32 38	12-0
18.....	474	172-0	12-25	246	22-0	36-0	19 36	1,876	49 99	30 63	12-3
19.....	504	179-0	9-0	246	28-0	32-0	19 92	1,462	37 58	17 66	16-3
20.....	484	206-0	12-25	246	21-25	37-0	20 38	1,834	46 17	25 79	12-6
Total.....	10-626	3,829-50	263-25	4,920	530-75	636-75	419 29	32,020	813 99	394 70	
Average.....	531	191-4	13-1	246	26-5	31-8	20 96	160-1	40 69	19 73	15-6



## NOVA SCOTIA EGG-LAYING CONTEST—NAPPAN

## LIST OF ENTRANTS

With individual and total production, 1922-23

Pen	Owner and Address	Breed	Bird No.										Floor	Total
			1	2	3	4	5	6	7	8	9	10		
1	Mrs. Geo. Stewart, Pugwash.	B.R....	102	189	169	217	130	122	123	* 66	96	41	49	1,304
2	Lawson Lowe, Amherst.	B.R....	* 161	235	165	158	* 65	203	* 197	196	253	139	42	1,814
3	Rupert Bligh, Lakeville.	B.R....	203	223	* 91	231	201	172	141	248	219	147	39	1,915
4	A. A. Pugh, Ingraupport.	B.R....	200	159	179	228	197	166	184	139	142	158	28	1,780
5	David Bacon, Nappan.	B.R....	157	115	173	* 135	186	153	158	186	134	122	30	1,549
6	Fred. Cochrane, Amherst.	B.R....	244	146	224	60	158	182	149	165	222	186	30	1,766
7	F. W. Black, Amherst.	B.R....	D 70	186	172	D 66	233	D 26	190	179	161	167	40	1,490
8	John Simpson, Wallace Bridge.	B.R....	194	204	200	138	175	D 138	181	140	205	168	62	1,805
9	Exp. Station, Kentville.	B.R....	219	* 150	* 5	237	106	160	249	D 105	* 101	51	42	1,425
10	Exp. Station, Kentville.	B.R....	205	201	185	135	143	95	105	186	139	D 124	75	1,593
11	Mrs. E. Tuttle, Pugwash.	B.R....	179	159	138	147	107	142	.....	73	106	128	25	1,205
12	McFarlane Bros., Fox Harbour.	B.R....	149	90	95	162	241	167	91	156	146	* 154	25	1,476
13	McFarlane Bros., Fox Harbour.	R.I.R....	145	167	175	144	10	182	123	94	141	D 77	26	1,284
14	William Stanley, Maccan.	R.I.R....	67	37	39	109	88	62	109	78	75	161	32	857
15	Elwin Harrison, Maccan.	B.O....	185	159	210	91	137	* 72	121	167	111	146	42	1,441
16	W. S. Henderson, Pugwash.	W.W....	D 84	D 48	D 40	145	169	D 104	149	D 32	130	D	21	922
17	Parry & Sim, Billtown.	B.L....	132	89	106	87	87	D 28	100	96	84	136	54	999
18	V. G. Fuller, Amherst.	W.L....	D 35	93	94	62	79	90	D 55	200	85	* 208	33	1,034
19	Experimental Farm Nappan.	B.R....	* 169	* 176	226	188	108	136	* 171	* 30	D 44	* 73	70	1,391
20	Experimental Farm Nappan.	B.R....	201	172	211	146	* 176	* 38	D 126	226	* 146	129	33	1,604

\*—Production of more than one bird.  
D—Dead but not substituted.

## NOVA SCOTIA EGG-LAYING CONTEST—NAPPAN

## TABLE SHOWING PRODUCTIVE COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1922-23

Pen number	Scratch grain	Meal mixture	Meat feed	Green feed	Grit	Shell	Total cost	Eggs laid	Value	Gain	Loss	Feed cost per dozen
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	\$	No.	\$	\$	\$	cts.
1.....	656	227.25	57.5	185.5	31.25	43.0	25 82	1,304	39 78	13 96	.....	22.8
2.....	686	312.0	38.0	185.5	31.0	48.5	28 21	1,814	57 35	29 14	.....	18.6
3.....	674	296.0	53.5	185.5	37.0	45.5	28 04	1,915	58 42	30 38	.....	17.5
4.....	684	392.5	59.0	185.5	37.5	52.5	32 02	1,780	53 74	21 72	.....	21.4
5.....	676	311.5	45.0	185.5	31.0	60.5	28 75	1,549	47 40	18 65	.....	22.2
6.....	662	402.0	49.0	185.5	36.0	52.5	31 05	1,766	53 76	22 71	.....	19.8
7.....	674	253.5	46.5	185.5	24.0	49.0	26 89	1,490	45 07	18 18	.....	21.0
8.....	673	360.5	44.5	185.5	37.25	47.0	29 90	1,805	54 89	24 99	.....	19.9
9.....	661	264.5	53.0	158.5	26.0	40.5	27 20	1,425	44 59	17 39	.....	22.8
10.....	679	289.0	66.0	185.5	29.0	40.0	29 34	1,593	50 61	21 27	.....	22.6
11.....	676	304.0	63.0	185.5	38.5	47.0	29 85	1,205	35 35	5 50	.....	29.0
12.....	684	262.0	69.75	185.5	36.0	50.0	28 62	1,476	42 30	13 68	.....	23.1
13.....	630	313.0	27.0	185.5	25.5	46.5	26 86	1,284	39 81	12 95	.....	24.9
14.....	658	215.0	45.5	185.5	22.0	39.5	24 45	857	24 40	.....	05	34.2
15.....	693	345.0	39.5	185.5	34.0	49.25	29 27	1,441	45 95	16 68	.....	24.0
16.....	486	199.0	24.0	185.5	14.0	24.5	18 71	922	31 79	13 08	.....	24.0
17.....	526	238.0	14.5	185.5	17.25	23.5	20 12	999	29 51	9 39	.....	24.1
18.....	495	279.0	19.0	185.5	15.0	22.5	20 35	1,034	33 93	13 58	.....	27.1
19.....	627	232.0	34.0	185.5	23.5	37.0	23 89	1,391	43 34	19 45	.....	20.5
20.....	657	220.0	32.5	185.5	23.0	31.0	24 11	1,604	49 44	25 33	.....	18.0
Total.....	12,907	5,716.76	880.75	371.0	568.75	849.75	533 45	28,654	881 43	348 03	.....	
Average....	645	285.8	44.0	185.5	28.4	42.4	26 67	1,432	44 07	17 40	.....	22.3

## NEW BRUNSWICK EGG-LAYING CONTEST—FREDERICTON

## LIST OF ENTRANTS

With individual and total production, 1922-23

Pen	Owner and Address	Breed	Bird No.										Floor	Total
			1	2	3	4	5	6	7	8	9	10		
1	Hayfield Bros., Oromocto, N.B.	B.R.	D 78	20	118	*189	171	D 58	D 18	D 26	136	188	10	1,012
2	Eugene Monahan, Elmsville	B.R.	174	145	198	*118	76	174	179	228	115	143	9	1,559
3	C. M. Peart, Havelock	B.R.	215	206	137	193	171	103	133	*157	145	132	19	1,611
4	A. T. Reid, Rollingdam	B.R.	157	140	155	163	D 133	233	206	*146	197	214	14	1,808
5	Harry Patterson, Hoyt	B.R.	139	171	121	60	*165	175	201	167	116	60	12	1,387
6	York Co. Poultry Club, Fredericton	B.R.	82	137	99	D 104	171	D 95	36	145	84	122	14	1,089
7	N.W. Eveleigh, Sussex	B.R.	195	194	180	D 190	169	135	158	149	159	137	4	1,670
8	Carter Pt. P. Club, Carter Point	B.R.	*160	210	100	247	233	115	194	*165	*89	120	20	1,653
9	W. E. B. Tait, Dorchester	B.R.	142	196	175	235	150	169	232	239	176	239	21	1,974
10	Exp. Station, Fredericton	W.W.	241	229	279	222	242	179	262	213	201	195	13	2,276
11	Wm. Moore, Mouth Keswick	B.R.	111	169	130	182	102	133	102	104	131	127	13	1,304
12	Alex. Steven, Hoyt	B.R.	222	161	191	146	103	121	D 61	185	216	169	6	1,581
13	D. Mersereau, Rusiagorish	B.R.	219	204	137	*119	207	144	167	110	239	107	16	1,669
14	John Moore, Mouth Keswick	W.R.	141	137	42	95	117	*91	113	127	127	125	6	1,121
15	Mrs. Geo. Danby, N. Devon	W.W.	186	*179	70	145	*177	182	207	D 100	138	188	12	1,584
16	Harry Webb, Woodstock	W.L.	170	187	176	184	129	196	D 107	67	212	119	27	1,574
17	Mt. Pleasant P. Yards, St. John	W.L.	154	2	214	109	224	98	195	*133	152	122	20	1,423
18	Mrs. A. Crisp, Central Blissvale	W.L.	130	187	155	183	174	189	188	167	120	D 118	19	1,630
19	Exp. Station, Fredericton	B.R.	232	257	156	226	191	213	260	222	76	209	20	2,062
20	Exp. Station, Fredericton	B.R.	306	*236	253	281	265	225	176	291	226	186	18	2,463

\*—Production of more than one bird.  
D—Dead but not substituted.

## NEW BRUNSWICK EGG-LAYING CONTEST—FREDERICTON

## TABLE SHOWING PRODUCTIVE COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1922-23

Pen Number	Scratch grain	Meal mixture	Green feed	Milk	Grit	Shell	Total cost	Eggs laid	Value	Gain	Feed cost per dozen
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	\$	No.	\$	\$	cts.
1	494	266	278	532	19.5	18.0	19 79	1,012	36 31	16 52	23.4
2	594	388	278	532	42.5	31.5	25 50	1,559	49 00	23 50	19.5
3	611	561	278	532	28.5	33.0	30 15	1,611	52 21	21 97	22.4
4	630	673	278	532	26.0	41.0	33 80	1,808	59 34	25 54	22.3
5	581	397	278	532	25.0	28.5	24 92	1,387	44 20	19 28	21.4
6	566	358	278	532	36.5	28.5	23 94	1,089	35 81	11 87	26.0
7	629	544	278	532	36.5	44.5	30 36	1,670	57 68	27 32	21.7
8	608	467	278	532	27.5	38.0	27 72	1,653	55 53	27 81	20.0
9	656	654	278	532	42.0	43.0	33 99	1,974	65 97	32 02	21.0
10	618	471	278	532	14.5	44.0	27 84	2,276	82 11	54 27	14.6
11	613	535	278	532	39.0	42.0	29 69	1,304	40 29	10 60	27.2
12	621	547	278	532	43.5	47.5	30 41	1,581	51 90	21 49	22.0
13	571	358	278	532	30.0	30.0	23 99	1,660	57 07	33 08	16.6
14	632	389	278	532	34.5	30.0	26 24	1,121	33 65	7 41	28.0
15	530	410	278	532	18.0	33.5	24 29	1,584	54 95	30 66	18.3
16	503	372	278	532	18.0	31.5	22 80	1,574	51 24	28 44	17.2
17	481	519	278	532	21.0	34.0	26 12	1,423	45 50	19 38	21.9
18	536	428	278	532	16.5	38.0	24 45	1,630	54 94	30 49	18.3
19	624	516	278	532	29.5	38.0	29 29	2,062	71 58	42 29	17.0
20	649	436	278	532	33.0	34.0	27 90	2,463	88 15	60 25	13.5
Total	11,747	9,289	5,560	10,640	581 50	711 50	541 19	324 50	1,087 34	544 19	
Average	587	464	278	532	29.0	35.5	27 05	1,622	54 36	27 20	20.0



# QUEBEC EASTERN EGG-LAYING CONTEST—STE. ANNE DE LA POCATIÈRE

## LIST OF ENTRANTS

With individual and total production 1922-23

Pen	Owner and Address	Breed	Bird No.										Floor	Total
			1	2	3	4	5	6	7	8	9	10		
1	Donat Arimault, Ste-Marie Salomé.	B.R....	161	22	*68	112	139	122	104	163	136	183	34	1,244
2	Jos. Louis Dionne, Village des Aulnaies.	B.R....	67	*105	128	156	97	79	84	125	133	141	19	1,134
3	Arthur Fournier, Montmagny.	B.R....	28	104	153	140	*139	12	122	79	154	*2	35	968
4	G. F. Fournier, Montmagny.	B.R....	107	108	144	194	*59	29	94	141	*37	82	9	1,004
5	J. A. Proulx, Montmagny.	B.R....	151	132	119	106	150	103	157	130	201	72	18	1,339
6	André Bouchard, St. Philippe de Néri.	R.I.R....	*110	89	*138	107	*94	*112	114	180	39	161	24	1,168
7	Georges Bouchard, Ste. Anne de la Pocatière.	R.I.R....	134	156	160	143	68	162	*59	138	139	*81	36	1,276
8	Ecole d'Agriculture, Ste. Anne de la Pocatière.	R.I.R....	128	142	124	122	114	97	83	111	75	95	20	1,111
9	Grand Séminaire de Mont-real.	R.I.R....	88	85	118	*42	129	*112	35	171	*80	11	6	877
10	Charles E. Paquet, Co. Bonaventure.	R.I.R....	*127	120	151	115	103	72	79	144	*82	157	16	1,166
11	Station Experimentale, Ste. Anne de la Pocatière.	R.I.R....	*132	101	97	*185	85	*112	132	*158	67	175	36	1,280
12	Mlle. Amelia Lecomte, Princeville.	B.R....	115	114	*120	*90	29	80	*148	97	76	*51	17	937

\*—Substituted.

D—Dead but not substituted.

# QUEBEC EASTERN EGG-LAYING CONTEST—STE. ANNE DE LA POCATIÈRE

## TABLE SHOWING PRODUCTIVE COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1922-23

Pen Number	Scratch grain	Meal nixture	Meat feed	Green feed	Milk	Grit	Shell	Char-coal	Total cost	Eggs laid	Value	Gain	Feed cost per doz.
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	\$ c.	No.	\$ c.	\$ c.	cts.
1.....	510	384	56-0	357	16	12-5	41-5	21-5	24 18	1,244	36 17	11 99	23-2
2.....	545	375	44-0	381	16	24-5	34-5	22-5	24 02	1,134	31 16	7 14	25-3
3.....	510	317	30-0	374	16	44-0	35-0	21-5	20 85	968	25 50	4 65	25-6
4.....	545	283	21-0	382	16	40-5	34-5	9-0	20 62	1,004	29 57	8 95	24-6
5.....	520	365	53-0	374	16	16-5	47-0	21-5	24 21	1,339	39 32	15 11	21-6
6.....	560	326	36-5	390	16	5-0	37-5	19-5	22 21	1,668	36 36	14 15	22-8
7.....	515	360	28-0	362	16	12-0	39-5	13-5	21 49	1,276	40 11	18 62	20-1
8.....	579	308	33-0	390	16	9-0	61-0	21-5	22 40	1,111	35 75	13 35	24-1
9.....	510	317	22-0	380	16	5-0	35-5	21-5	20 69	877	25 76	5 07	28-2
10.....	555	314	30-0	373	16	14-0	56-0	12-0	21 57	1,166	33 57	12 00	20-4
11.....	570	345	33-0	390	16	14-0	39-0	17-5	23 10	1,280	39 71	16 61	21-6
12.....	505	254	35-5	364	16	3-5	28-5	21-5	19 65	937	27 55	7 90	25-0
Total....	6,424	3,948	422-0	4,517	192	200-5	489-0	223-0	264 99	13,504	400 53	135 34	
Average...	535	329	35-1	376	16	16-7	40-7	18-5	22 08	1,125	33 37	11 30	23-5

## QUEBEC WESTERN EGG-LAYING CONTEST—LENNOXVILLE

## LIST OF ENTRANTS

With individual and total production 1922-23

Pen	Owner and Address	Breed	Bird No.										Floor	Total
			1	2	3	4	5	6	7	8	9	10		
1	Thos. Mason, Lennoxville.	W.L....	183	110	131	99	111	61	105	125	140	94	61	1,220
2	Jos. Williams, Sawyerville.	W.L....	165	215	166	130	133	76	136	7	147	83	31	1,289
3	H. S. Beane, Beebe.	W.L....	148	216	233	183	239	232	163	99	*197	162	15	1,887
4	Elmhurst P. Farm, Montreal.	W.L....	128	200	169	*198	118	87	191	178	156	173	35	1,633
5	J. B. Briggs, Ville La Salle.	W.L....	180	192	110	D 68	*114	168	195	147	156	D 34	72	1,436
6	E. G. White, Lennoxville.	W.W....	196	201	198	152	171	174	243	218	153	136	17	1,859
7	H. S. Beane, Beebe.	W.W....	87	151	141	202	143	112	188	148	161	72	33	1,438
8	J. MacDermot, Montreal.	R.I.R..	168	98	167	3	173	122	192	140	130	98	25	1,316
9	L. A. Dean, Thetford Mines.	B.R....	94	93	141	111	114	159	134	67	132	0	23	1,068
10	M. T. Armitage, Sherbrooke.	B.R....	126	137	35	107	79	86	38	106	122	* 92	15	1,043
11	Laurel P. Farm, Rougemont.	B.R....	198	145	209	216	105	174	*147	8	141	105	17	1,465
12	A. P. Hillhouse, Bondville.	B.R....	109	152	128	137	189	184	63	202	149	112	8	1,413
13	E. T. P. Farms, Foster.	W.L....	158	164	48	108	176	85	61	126	168	158	9	1,261
14	D. D. Dowding, Howick.	B.R....	126	132	10	155	105	135	D103	*163	127	141	15	1,212
15	Exp. Farm, Lennoxville.	B.R....	173	118	147	104	118	194	165	134	104	144	50	1,451
16	Exp. Farm, Lennoxville.	B.R....	204	164	1	107	183	134	154	191	234	193	10	1,575
17	Exp. Farm, Lennoxville.	B.R....	161	163	98	79	205	188	148	209	196	157	89	1,693
18	Miss R. G. Knight, Beebe.	W.W....	145	198	209	147	183	198	186	217	253	170	15	1,921
19	C. Warner, Lennoxville.	W.W....	211	147	153	224	201	161	81	D128	84	127	30	1,547
20	H. R. Drew, North Hatley.	B.R....	197	146	129	203	130	119	139	136	123	75	19	1,416

\*—Production of more than one bird.

D—Dead but not substituted.

## QUEBEC WESTERN EGG-LAYING CONTEST—LENNOXVILLE

## TABLE SHOWING PRODUCTIVE COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1922-23

Pen Number	Scratch feed	Meal mixture	Meat feed	Green feed	Grit	Shell	Total cost	Eggs laid	Value	Gain	Feed cost per dozen
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	\$ c.	No.	\$ c.	\$ c.	cts.
1.....	451	212-5	28-0	364	29-0	37-0	16 16	1,220	39 38	23 22	15-4
2.....	458	270-5	30-5	364	23-0	35-0	17 18	1,289	42 78	25 60	15-9
3.....	471	308-0	18-5	364	18-0	47-0	17 84	1,887	67 12	49 28	12-6
4.....	465	279-0	18-5	364	16-5	38-5	17 13	1,633	56 39	39 26	12-5
5.....	470	318-0	39-0	364	24-0	44-0	18 16	1,436	47 56	29 40	15-1
6.....	494	367-0	41-0	364	28-0	42-5	22 12	1,859	64 10	41 98	15-9
7.....	501	346-5	15-5	364	14-5	42-0	18 85	1,438	47 86	29 01	15-7
8.....	501	328-0	33-5	364	36-25	35-5	19 58	1,316	47 24	27 66	17-7
9.....	488	368-5	81-0	364	22-5	51-5	23 14	1,068	33 64	10 50	25-9
10.....	479	287-5	62-0	364	34-0	49-75	20 65	1,043	34 29	13 64	23-6
11.....	532	307-5	38-5	364	28-0	44-0	20 97	1,465	54 97	34 00	17-1
12.....	484	331-0	39-0	364	31-0	46-0	19 99	1,413	49 39	29 40	16-9
13.....	395	218-5	17-5	364	15-5	54-0	14 23	1,261	41 89	27 66	13-4
14.....	525	397-25	74-5	364	40-5	55-5	24 89	1,212	42 47	17 58	24-6
15.....	470	287-5	85-0	364	27-5	37-5	21 70	1,451	52 02	30 32	18-3
16.....	484	320-0	81-5	364	49-5	52-0	21 20	1,575	53 66	32 46	16-0
17.....	496	313-5	61-5	364	31-5	47-0	20 94	1,693	58 44	37 50	14-7
18.....	514	372-0	21-0	364	19-0	73-0	20 37	1,921	71 63	51 26	12-7
19.....	488	314-5	50-5	364	26-0	46-5	21 49	1,547	56 36	34 87	16-5
20.....	484	292-0	97-5	364	21-0	55-5	23 32	1,416	49 34	26 02	19-6
Total.....	9,650	6,239-25	934-0	7,280	535-25	933-75	399 91	29,143	1,010 53	610 62	
Average.....	482	311-9	46-7	364	26-7	46-6	19 99	1,457	50 52	30 53	16-4



## ONTARIO EGG-LAYING CONTEST—OTTAWA

## LIST OF ENTRANTS

with individual and total production 1922-23

Pen	Owner and Address	Breed	Bird No.										Floor	Total
			1	2	3	4	5	6	7	8	9	10		
1	J. R. Stork, St. Catharines, Ont.	B.R.	136	190	*172	290	191	201	247	102	176	211	19	1,935
2	Neff Bros., Simcoe, Ont.	B.R.	176	224	204	185	102	*142	205	203	259	181	8	1,889
3	Chas. Hoffman, Platts-ville, Ont.	B.R.	165	111	*187	234	231	136	139	217	206	176	17	1,819
4	G. S. Dundas, Markdale, Ont.	B.R.	153	230	176	160	153	194	213	239	164	*176	12	1,870
5	Nor. Spec. Farm, St. Williams, Ont.	B.R.	153	194	220	170	277	181	D233	196	*94	207	13	1,938
6	D. W. Evans, Newmarket, Ont.	B.R.	196	*222	207	181	139	135	159	202	164	D128	15	1,748
7	J. H. Thompson, Port Dover	B.R.	*122	95	218	257	212	201	207	*241	239	*221	4	2,017
8	French Bros., Newmarket, Ont.	B.R.	231	101	180	201	202	246	179	201	142	161	10	1,854
9	W. J. Johnston, Meaford, Ont.	B.R.	156	211	223	183	233	215	196	204	161	170	8	1,960
10	Harvey Simpson, Leamington, Ont.	W.R.	158	189	167	187	154	108	146	160	182	167	11	1,629
11	Ottawa East P. Yards, Ottawa, Ont.	C.W.	185	145	147	66	116	121	156	86	154	50	21	1,247
12	J. C. Mercer, Markdale, Ont.	W.W.	211	165	172	190	132	173	185	268	180	170	16	1,862
13	V. R. Zadow, Eganville, Ont.	W.W.	153	211	126	148	169	135	76	56	D108	188	14	1,384
14	R. Trivett, Newmarket, Ont.	W.W.	187	217	174	154	222	236	198	167	66	*179	5	1,805
15	H. H. Gampp, New Hamburg	Anc.	209	*167	178	206	202	198	134	201	170	160	18	1,843
17	J. Hoffman, New Hamburg	Anc.	60	148	166	169	161	114	192	127	107	99	15	1,358
18	W. J. Richardson, Caledonia, Ont.	Anc.	156	139	167	138	126	90	111	168	165	160	23	1,443
19	J. S. Westmoreland, Guelph, Ont.	W.L.	167	176	196	167	160	201	153	219	141	224	7	1,811
20	Alex. McLean, Gananoque, Ont.	W.L.	249	245	196	229	212	217	285	235	154	137	13	2,172
21	Dr. I. H. Ante, Richmond Hill, Ont.	W.L.	213	230	184	158	178	204	D209	194	196	194	13	1,973
22	Ottawa East P. Yards, Ottawa, Ont.	W.L.	*123	*177	81	139	153	176	158	221	158	182	20	1,588
23	H. G. Hebel, Bridgeport, Ont.	W.L.	188	*168	230	*193	*230	183	216	190	193	189	12	1,992
24	C. H. Miller, Eganville, Ont.	W.L.	158	143	170	126	155	190	158	191	*108	122	10	1,530
25	Credit Vale Farm, Streetsville, Ont.	W.L.	161	166	123	173	180	233	153	130	220	188	8	1,735
26	G. S. Dundas, Markdale, Ont.	W.L.	250	*243	247	192	239	246	248	219	152	156	13	2,205
27	J. C. Mercer, Markdale, Ont.	W.L.	256	229	186	239	147	198	239	184	188	217	21	2,104
28	H. S. Merriam, Markdale, Ont.	W.L.	168	199	192	153	128	*176	185	203	194	199	10	1,807
29	Nor. Spec. Farm, St. Williams, Ont.	W.L.	204	*116	254	206	220	199	*196	187	183	193	14	1,972
30	Bramley Bros., Oshawa, Ont.	W.L.	173	200	171	148	206	*194	135	191	240	205	20	1,883
31	W. H. Fisher, Ayton, Ont.	W.L.	272	234	242	219	248	198	142	183	194	221	13	2,166
32	W. J. Richardson, Caledonia, Ont.	W.L.	177	235	204	177	185	127	204	196	192	207	3	1,907
33	Experimental Farm, Ottawa, Ont.	W.L.	221	164	*229	208	*210	185	266	133	D213	*253	23	2,105
34	Philip Henrich, Waterloo, Ont.	W.L.	206	230	216	177	127	185	*118	242	192	165	14	1,872
35	Robert Meharey, Russell, Ont.	W.L.	193	253	183	166	152	246	204	151	144	175	17	1,884
36	Hope P. Farm, Billings Bridge	W.L.	*168	*169	239	198	163	*149	124	*173	166	264	16	1,829
37	Experimental Farm, Ottawa, Ont.	B.R.	171	168	158	179	154	76	190	*43	154	133	14	1,440
38	Experimental Farm, Ottawa, Ont.	B.R.	176	*152	208	*189	117	182	130	*170	245	183	15	1,767

\* Production of more than one bird.

D Dead but not substituted.

## ONTARIO EGG-LAYING CONTEST

## TABLE SHOWING PRODUCTIVE COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1922-23

Pen number	Scratch grain	Meal mixture	Meat feed	Green feed	Milk	Grit	Shell	Total cost	Eggs laid	Value	Gain	Feed cost per dozen
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	\$	No.	\$	\$	c.
1	571	213.50	66.0	153	650	25.5	64.5	23 26	1,935	84 18	60 92	14.4
2	544	261.0	64.0	153	650	34.3	33.5	23 32	1,889	82 81	59 49	14.7
3	576	311.0	59.0	153	650	35.0	55.0	24 97	1,819	80 36	55 39	16.4
4	541	221.50	70.5	153	650	33.5	61.5	23 06	1,870	82 66	59 60	14.0
5	558	198.50	52.0	153	650	10.5	53.5	22 54	1,938	82 15	59 61	13.9
6	556	325.0	53.0	153	650	70.5	51.5	24 35	1,748	72 25	47 90	16.6
7	579	272.0	53.0	153	650	41.5	42.5	23 88	2,017	81 76	57 88	14.1
8	547	260.5	63.0	153	650	36.0	50.5	23 50	1,854	74 48	50 98	15.1
9	576	309.5	57.0	153	650	47.0	56.5	25 95	1,960	82 96	57 01	15.8
10	557	332.0	55.5	153	650	40.0	71.5	25 04	1,929	67 10	42 06	18.3
11	544	203.50	51.5	153	650	12.5	30.0	21 35	1,247	51 40	30 05	20.5
12	545	255.5	58.0	153	650	40.0	43.5	23 09	1,862	85 02	62 93	14.8
13	542	230.0	57.5	153	650	53.0	34.5	22 50	1,884	58 62	36 12	19.0
14	541	247.5	54.0	153	650	31.0	47.5	22 61	1,805	77 37	54 76	15.0
16	454	202.5	46.0	153	650	18.0	32.5	19 25	1,843	76 33	57 08	12.4
17	456	211.5	45.5	153	650	30.5	37.0	19 60	1,358	59 07	39 47	17.2
18	449	172.0	47.5	153	650	11.0	28.5	18 51	1,443	57 19	38 68	15.3
19	475	281.0	34.0	153	650	13.5	43.0	20 75	1,811	72 74	51 99	13.6
20	465	252.5	55.5	153	650	30.5	54.5	21 18	2,172	88 89	67 71	12.2
21	457	241.5	40.0	153	650	18.5	39.0	18 10	1,973	81 04	62 94	12.1
22	481	276.0	56.0	153	650	38.0	51.0	22 13	1,588	64 17	42 04	16.6
23	477	244.0	18.5	153	650	17.25	37.0	19 26	1,992	85 62	66 36	12.3
24	485	207.0	26.0	153	650	18.0	37.5	19 04	1,530	65 91	46 87	14.8
25	421	224.50	26.5	153	650	13.5	41.5	18 10	1,735	71 01	52 91	12.4
26	490	231.5	28.25	153	650	17.75	43.5	19 81	2,205	92 03	72 22	13.3
27	467	296.0	56.0	153	650	20.25	37.5	21 95	2,104	87 16	62 21	12.4
28	482	227.5	41.0	153	650	33.5	35.5	20 24	1,807	73 61	53 37	13.4
29	444	207.5	46.0	153	650	20.5	38.5	19 22	1,972	83 10	63 88	12.8
30	497	258.5	51.5	153	650	26.5	57.5	22 45	1,883	75 32	52 87	13.5
31	454	270.5	22.0	153	650	19.0	43.5	19 55	2,166	90 43	70 88	13.2
32	501	321.0	54.0	153	650	46.0	60.5	23 50	1,907	75 51	52 01	14.7
33	458	236.0	40.0	153	650	13.0	39.0	19 73	2,105	87 98	68 25	13.3
34	493	254.5	15.0	153	650	33.0	39.5	19 77	1,872	76 82	57 05	12.6
35	456	260.0	30.0	153	650	18.5	38.5	19 72	1,884	80 56	60 84	12.4
36	493	190.5	39.0	153	650	13.5	32.5	19 04	1,829	75 50	56 46	12.4
37	504	212.75	39.5	153	650	20.0	45.0	20 32	1,440	59 44	39 12	16.6
38	549	230.0	47.5	153	650	16.5	47.0	21 98	1,767	77 18	55 20	14.8
Total.....	18,685	9,149.75	1,717.25	5,814	24,700	1,017.25	1,655.50	792 62	67,343	2,820 73	2,028.11	
Average.....	491.7	240.7	45.1	153	650	26.7	43.5	20 85	1,820	74 22	53 37	14.0



## MANITOBA EGG-LAYING CONTEST—BRANDON

## LIST OF ENTRANTS

With individual and total production 1922-23

Pen	Owner and Address	Breed	Bird No.										Floor	Total
			1	2	3	4	5	6	7	8	9	10		
1	J. B. Lorimer, Neepawa.	B.L.	*76	147	D34	136	143	112	75	159	110	*61	13	1,066
2	D. Thornhill, Stockton.	R.I.R.	197	182	179	200	213	219	199	173	175	213	20	1,970
3	Wm. Blair, Ochre River.	B.R.	209	204	158	205	210	248	194	225	188	197	20	2,058
4	W. R. Barker, Deloraine.	B.R.	191	117	233	267	238	207	206	210	191	*164	20	2,044
5	Mrs. R. J. McNabb, Minnedosa.	B.R.	177	270	239	196	175	171	195	168	128	106	12	1,837
6	Rev. Walter Ward, Goodlands.	B.R.	108	130	146	148	189	229	132	135	134	176	15	1,543
7	W. J. Currie, Brandon.	B.R.	182	153	78	113	176	157	157	171	161	192	9	1,549
8	J. R. Beer, Brandon.	B.R.	170	112	132	183	194	178	158	130	94	144	10	1,505
9	John Routledge, Westbourne.	W.R.	118	189	211	123	139	114	138	139	103	122	19	1,415
10	Wm. Gregg, Desford.	W.W.	163	178	203	149	197	186	170	122	86	89	24	1,567
12	Mrs. M. E. White, Brandon.	W.L.	113	122	175	172	139	205	195	154	139	132	28	1,574
13	F. W. Allen, Winnipeg.	W.L.	176	178	180	123	160	127	148	169	134	162	16	1,573
14	F. Williams, Winnipeg.	W.L.	140	197	125	145	150	130	141	94	151	147	12	1,432
15	W. Davidson, Winnipeg.	W.L.	176	112	78	106	188	226	118	193	139	137	28	1,421
16	Man. Agri. College, Winnipeg.	W.L.	205	*131	155	148	182	128	*136	61	177	106	10	1,439
17	Man. Agr. College, Winnipeg.	B.R.	*151	115	165	72	214	222	132	168	188	180	12	1,619
18	Experimental Farm, Brandon.	B.R.	187	196	208	*171	158	218	226	187	232	264	19	2,066
19	Experimental Farm, Brandon.	B.R.	204	206	191	197	219	191	198	200	218	191	17	2,032
20	Experimental Farm, Brandon.	W.W.	198	162	190	185	157	192	212	212	178	139	23	1,848

\* Production of more than one bird.

D Dead but not substituted.

## MANITOBA EGG-LAYING CONTEST—BRANDON

## TABLE SHOWING PRODUCTIVE COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1922-23

Pen Number	Scratch grain	Meal mixture	Meat feed	Green feed	Milk	Grit	Shell	Total cost	Eggs laid	Value	Gain	Feed cost per dozen
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	\$	No.	\$	\$	cts.
1	455	472.5	16.5	59	743.0	14.0	24.5	18.39	1,066	27.49	9.10	20.6
2	532	493.5	16.5	55	688.25	23.5	33.0	19.78	1,970	56.30	36.52	12.0
3	564	575.5	16.5	58	748.75	18.5	39.0	21.37	2,058	59.06	37.69	12.3
4	551	528.5	16.5	51	691.25	17.5	39.5	19.93	2,044	53.28	33.35	12.1
5	494	551.0	16.5	42	866.25	20.5	34.5	19.62	1,837	51.61	31.99	12.8
6	482	558.5	16.5	55	851.25	22.5	36.5	19.79	1,543	42.78	22.99	15.3
7	462	486.0	16.5	56	680.0	15.0	28.0	17.94	1,549	43.26	25.32	13.8
8	445	515.5	16.5	59	710.0	19.0	29.0	18.49	1,505	41.28	22.79	14.6
9	467	561.0	16.5	55	665.0	22.0	31.5	19.46	1,415	39.19	19.73	13.7
10	507	471.5	16.5	56	695.0	19.0	28.0	18.55	1,567	46.34	27.79	14.1
12	422	451.5	16.5	60	660.0	21.0	31.5	16.85	1,574	40.60	23.75	12.8
13	425	580.0	16.5	54	660.0	20.0	31.0	18.74	1,573	40.58	21.87	14.2
14	423	467.0	16.5	60	660.0	21.5	32.5	17.36	1,432	38.43	21.07	14.5
15	407	583.5	16.5	58	675.0	17.5	35.0	18.69	1,421	37.56	18.87	15.7
16	437	384.5	16.5	60	675.0	22.5	36.5	16.38	1,439	37.81	21.43	13.5
17	478	507.0	16.5	55	636.25	26.0	38.5	18.67	1,619	43.04	24.37	13.8
18	575	509.0	16.5	59	660.25	27.0	39.5	20.34	2,066	63.40	43.06	12.1
19	503	523.5	16.5	63	711.25	24.0	38.5	19.52	2,032	60.97	41.45	12.6
20	522	513.5	16.5	62	708.0	18.5	37.5	19.50	1,848	55.90	36.40	12.6
Total	9,151	9,733.0	3,300.0	1,077	13,384.5	389.5	644.0	359.37	31,558	878.88	519.51	
Average	457	486.0	16.5	53	669.2	19.4	32.0	17.96	1,660	43.94	25.97	13.6

## SASKATCHEWAN EGG-LAYING CONTEST—INDIAN HEAD

## LIST OF ENTRANTS

With individual and total production, 1922-23

Pen	Owner and Address	Breed	Bird No.										Floor	Total
			1	2	3	4	5	6	7	8	9	10		
1	R. A. Faul, McLean.....	W.L....	*116	101	132	155	209	176	161	196	*108	140	5	1,499
2	Chas. Hain, Prince Albert.	W.L....	123	85	112	51	100	80	97	143	129	146	4	1,070
3	E. W. Anderson, Fleming..	W.L....	*96	151	130	148	163	135	185	177	184	183	7	1,559
4	W. F. Sibbald, Conquest..	W.L....	51	152	130	116	152	129	63	164	150	178	8	1,293
5	W. F. Sibbald, Conquest..	W.L....	123	145	73	109	120	123	51	133	155	111	8	1,151
6	John Littlejohn, jr., Eston.	Anc....	143	147	128	105	150	137	139	96	102	106	3	1,256
7	R. Morley, Moose Jaw....	Anc....	137	145	99	135	145	87	87	151	132	104	1	1,223
8	Mrs. N. A. Dane, Heward.	R.I.R..	D 151	150	D 117	110	106	145	*163	150	152	160	12	1,416
9	D. J. McIntosh, Swift Current.....	B.R....	*184	124	*123	196	81	153	202	154	193	224	5	1,639
10	Henry Barton Davidson..	B.R....	102	109	142	147	87	68	133	67	116	142	13	1,126
11	John Littlejohn, jr., Eston.	W.W....	*146	164	159	73	*181	170	137	173	203	174	9	1,589
12	Chas. Main, Prince Albert.	W.W....	107	98	171	88	200	126	153	83	141	121	21	1,309
13	F. Finch, Lanigan.....	W.W....	120	160	97	151	154	187	192	232	177	161	17	1,648
14	G. W. Fraser, Colfax.....	W.W....	111	119	147	84	147	153	108	160	149	147	14	1,339
15	A. W. Vann, Indian Head..	W.W....	227	151	145	62	*43	182	96	135	185	118	17	1,361
16	A. W. Vann, Indian Head..	W.W....	160	172	178	180	163	74	175	165	161	123	14	1,565
17	Experimental Farm, Indian Head.....	W.W....	232	*155	201	196	167	221	173	170	166	193	15	1,889
18	Experimental Farm, Indian Head.....	W.W....	*133	184	160	180	*92	217	*113	*85	195	179	17	1,555
19	Experimental Farm, Indian Head.....	W.W....	156	88	127	*189	214	136	92	186	151	146	20	1,505
20	Experimental Farm, Indian Head.....	W.W....	D 86	119	153	154	210	86	94	88	160	150	24	1,324
21	Experimental Farm, Indian Head.....	W.W....	231	125	*161	138	47	115	182	141	93	136	35	1,404
22	Experimental Farm, Indian Head.....	W.W....	155	108	110	142	168	164	151	125	151	200	18	1,492

\*—Production of more than one bird.

D—Dead but not substituted.

## SASKATCHEWAN EGG-LAYING CONTEST—INDIAN HEAD

## TABLE SHOWING PRODUCTIVE COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1922-23

Pen Number	Scratch grain	Meal mixture	Meat feed	Milk	Grit	Shell	Char- coal	Total cost	Eggs cost	Value	Gain	Feed cost per dozen
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	\$	No.	\$	\$	cts.
1.....	401	349	72	40	5-0	35-0	14-0	15 41	1,499	33 17	17 76	12-2
2.....	382	309	72	40	6-0	30-5	13-5	14 18	1,070	21 87	7 69	15-8
3.....	436	419	72	40	14-0	24-0	6-0	17 01	1,559	33 38	16 37	13-0
4.....	420	410	72	40	6-5	23-5	10-0	16 60	1,293	27 31	10 71	15-3
5.....	404	419	72	40	10-0	19-0	11-0	16 46	1,151	24 80	8 34	17-1
6.....	382	406	72	40	7-0	25-0	17-0	15 77	1,256	26 29	10 52	15-0
7.....	418	415	72	40	17-5	45-0	17-0	17 22	1,223	26 31	9 09	16-8
8.....	485	429	72	40	26-0	26-5	8-0	18 22	1,416	33 10	14 88	15-3
9.....	484	417	72	40	12-0	24-0	14-5	18 03	1,639	36 69	18 66	13-2
10.....	452	363	72	40	16-0	22-0	14-0	17 24	1,126	24 35	7 11	18-3
11.....	438	417	72	40	30-0	23-0	9-5	17 30	1,539	41 52	24 22	12-9
12.....	422	396	72	40	31-5	59-5	14-5	17 41	1,309	30 18	12 77	16-0
13.....	445	391	72	40	19-0	41-5	14-5	17 25	1,648	40-33	23-08	12-0
14.....	452	411	72	40	16-5	22-0	15-5	17 41	1,339	29 75	12 34	16-0
15.....	442	405	72	40	29-0	30-0	5-5	17 10	1,361	33 46	16 36	16-0
16.....	435	390	72	40	19-5	20-5	18-0	16 80	1,565	36 18	19 38	15-0
17.....	423	454	72	40	22-0	26-0	15-0	17 75	1,889	46 57	28 82	12-0
18.....	459	422	72	40	24-0	58-0	16-0	18 44	1,555	37 47	19 03	15-0
19.....	437	450	72	40	53-0	61-0	18-0	19 05	1,505	37 59	18 54	15-0
20.....	445	430	72	40	28-0	22-0	17-0	17 80	1,324	33 39	15 59	16-0
21.....	511	386	72	40	14-0	33-5	13-5	17 78	1,404	34 61	16 83	15-0
22.....	528	411	72	40	21-0	21-0	9-0	18 48	1,492	36 36	17 88	15-0
Total.....	9,701	8,899	1,584	880	427-5	692-5	291-0	378 71	31,212	72,468	345 97	
Average....	440	400	72	40	19-4	31-4	13-2	17 21	1,418	32 94	15 72	14-5



## ALBERTA EGG-LAYING CONTEST—LETHBRIDGE

## LIST OF ENTRANTS

With individual and total production, 1922-23

Pen	Owner and Address	Breed	Bird No.										Floor	Total
			1	2	3	4	5	6	7	8	9	10		
1	W. A. Coleman, Lethbridge	B.R....	219	207	165	203	144	224	120	185	189	154	2	1,812
2	F. Edwards, Edmonton...	B.R....	126	*197	179	198	205	215	226	155	156	174	1	1,832
3	B. E. Rogers, Lethbridge..	B.R....	173	200	256	204	257	218	239	177	254	213	5	2,196
4	Dept. of Agriculture, Edmonton.....	B.R....	D 100	267	*70	137	*182	110	135	222	102	150	5	1,480
5	E. J. Forner, Medicine Hat	B.R....	D 47	37	D	45	145	133	26	117	D 154	130	5	839
6	H. Higginbotham, Calgary	B.R....	189	200	159	222	214	288	230	159	177	262	2	2,102
7	M. Bolinger, Gleichen	B.R....	106	144	145	164	176	171	142	173	110	250	2	1,583
8	D. G. McCrae, Lethbridge	B.R....	247	236	218	183	221	122	278	124	196	216		2,041
9	W. A. Fraser, Medicine Hat	B.R....	256	174	270	*217	227	165	209	192	261	244	1	2,216
10	H. Higginbotham, Calgary	W.R....	123	203	160	138	181	115	127	136	172	180		1,535
11	Brennan Bros., Didsbury..	W.R....	203	131	171	211	D 106	D 98	143	206	112	136	3	1,520
12	T. G. Kinvig, Medicine Hat.....	P.R....	191	122	187	*119	105	220	110	121	105	143	3	1,426
13	A. J. Hart, Calgary.....	S.C.Br	L	142	87	136	147	121	172	148	130	197	1	1,449
14	E. Farquharson, Provost..	W.W....	164	96	164	204	155	179	162	130	185	214	3	1,656
15	Gould Bros., Vegreville...	W.W....	149	218	143	170	85	48	140	62	85	139	4	1,243
16	H. T. Luther, Winnifred...	W.W....	198	219	249	201	156	235	273	268	185	226	3	2,213
17	D. B. Aitken, Lethbridge.	W.W....	202	169	158	207	144	172	194	210	193	206	1	1,856
18	Mrs. T. E. Robinson, Hardisty.....	W.W....	178	195	124	185	103	153	137	107	141	169	3	1,495
19	Mrs. J. W. Cookson, To- field.....	W.L....	118	215	138	234	73	224	227	201	194	137	4	1,765
20	W. B. McLaine, Leth- bridge.....	W.L....	233	237	203	233	213	215	258	206	174	207	2	2,181
21	E. J. Forner, Medicine Hat	W.L....	56	84	117	D 91	204	D 99	105	156	39	104	1	1,064
22	G. H. Menzies, Provost....	W.L....	126	119	197	181	3	148	173	201	189	160		1,497
23	Experimental Station, Lethbridge.....	B.R....	262	205	265	*228	236	302	274	180	264	168	5	2,389
24	Experimental Station, Lethbridge.....	B.R....	126	205	245	*202	272	284	238	184	203	232	4	2,195

\*—Production of more than one bird.

D—Dead but not substituted.

## ALBERTA EGG-LAYING CONTEST—LETHBRIDGE

## TABLE SHOWING PRODUCTIVE COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1922-23

Pen Number	Scratch grain	Meal mixture	Meat feed	Green feed	Milk	Grit	Shell	Char- coal	Total cost	Eggs laid	Value	Gain	Feed cost per doz.
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	\$ c.	No.	\$ c.	\$ c.	cts.
1.....	437	483	13-0	57	10	8-25	17-75	5-50	15 97	1,812	46 76	30 79	13-5
2.....	440	470	14-5	57	10	9-0	18-75	6-25	16 10	1,832	50 25	34 15	13-5
3.....	462	513	18-0	57	10	11-75	27-5	11-75	17 53	2,196	64 59	47 06	15-0
4.....	404	414	7-25	57	10	5-10	10-0	3-5	13 99	1,480	41 92	27 93	12-6
5.....	348	359	6-25	57	10	3-5	11-0	0-90	12 42	839	22 66	10 24	17-7
6.....	454	493	22-0	57	10	12-35	29-0	8-85	17 16	2,102	61 73	44 57	14-6
7.....	456	493	24-8	57	10	10-5	23-95	7-75	17 19	1,583	41 21	24 02	12-9
8.....	445	472	20-75	57	10	11-75	23-0	8-75	16 60	2,041	56 54	39 94	14-6
9.....	460	496	18-25	57	10	13-0	27-75	9-75	17 24	2,216	63 01	45 77	15-3
10.....	430	457	12-75	57	10	6-75	18-75	7-75	15 60	1,535	36 45	20 85	12-1
11.....	426	456	15-0	57	10	9-5	17-75	6-65	15 61	1,520	40 33	24 72	12-2
12.....	414	448	19-5	57	10	8-75	19-0	9-25	15 57	1,426	39 18	23 61	13-0
13.....	374	393	17-25	57	10	6-25	13-85	6-15	13 45	1,449	36 52	23 07	12-8
14.....	436	477	16-5	57	10	10-5	20-65	5-65	16 14	1,656	41 67	25 53	12-2
15.....	407	448	11-5	57	10	6-40	12-25	3-0	14 72	1,243	34 45	19 73	14-1
16.....	464	519	25-0	57	10	12-75	29-5	10-75	16 85	2,213	69 45	52 60	15-7
17.....	449	494	17-0	57	10	12-25	24-0	8-5	16 88	1,856	52 95	36 07	13-0
18.....	440	469	13-25	57	10	7-25	16-75	6-0	15 85	1,495	39 44	23 59	12-7
19.....	383	404	12-90	57	10	5-9	14-75	3-5	13 78	1,765	30 97	17 19	15-3
20.....	403	443	13-75	57	10	8-5	17-9	5-25	15 16	2,181	62 50	47 34	17-1
21.....	370	394	4-75	57	10	4-0	8-0	3-0	12 90	1,063	32 84	19 94	14-5
22.....	384	413	8-5	57	10	4-0	9-90	3-25	13 62	1,497	39 01	25 39	14-2
23.....	449	493	20-0	57	10	11-5	23-9	8-75	16 96	2,389	72 31	55 35	16-0
24.....	445	476	18-75	57	10	10-85	24-25	8-5	16 60	2,195	65 94	49 34	15-8
Total....	10,180	10,977	371-20	1,368	240	210-35	460-80	158 95	373 89	41,584	1,142 68	768 79	10-7
Average...	424	457	15-4	57	10	8-7	19-2	6-6	15 57	1,732	47 61	32 06	10-7

## BRITISH COLUMBIA EGG-LAYING CONTEST—AGASSIZ

## LIST OF ENTRANTS

With individual and total production 1922-23

Pen	Owner and Address	Breed	Bird No.										Floor	Total
			1	2	3	4	5	6	7	8	9	10		
1	Dom. Exp. Farm, Agassiz.	B.R....	260	127	276	*256	238	226	284	213	249	229	25	2,383
2	Golding, Chas. Geo., Qualicum	B.R....	188	*122	136	219	206	227	236	D162	205	241	29	1,971
3	Matthews, F., Abbotsford.	B.R....	202	179	196	125	191	220	139	84	158	83	39	1,616
4	Stephens & Son, Courtenay	B.R....	204	199	211	249	145	247	225	189	179	*178	135	2,161
5	Wilkinson, H. S., Vancouver	B.R....	171	214	207	79	244	168	170	240	177	203	80	1,953
6	Johnstone, R., Kelowna.	B.O....	230	150	219	138	185	155	97	117	125	199	12	1,627
7	Robbins, C. W., Chilliwack.	B.O....	126	169	193	203	*176	198	161	78	148	143	11	1,606
8	Clarke, R. N., Vernon	R.C.R. I.R.	160	128	134	167	185	130	148	179	158	200	13	1,602
9	D. Russell, Jubilee	S.C.R. I.R.	158	*192	212	197	236	204	140	*180	231	125	53	1,928
10	T. Bridge, Vancouver	W.W....	218	214	237	177	225	244	240	306	226	225	43	2,355
11	Dom. Exp. Farm, Summerland	W.W....	192	129	218	192	196	79	222	204	135	86	21	1,674
12	S. Percival, P. Washington	W.W....	89	222	D193	104	155	182	255	149	133	D151	61	1,694
13	Reade & King, Cowichan Sta.	W.W....	216	262	243	174	192	190	219	143	177	235	37	2,088
14	Braim, T. H., Sardis	B.A....	97	156	197	204	114	197	208	137	157	167	21	1,655
15	Bradley, W., Langford	W.L....	184	212	193	257	223	187	271	205	198	151	25	2,106
16	Bolivar White L. Farm, Cloverdale	W.L....	192	232	228	*176	184	271	254	177	169	261	19	2,163
17	Bruce, W. D., Pitt Meadows	W.L....	249	218	198	241	227	218	257	279	246	*140	23	2,296
18	Dom. Exp. Farm, Agassiz	W.L....	267	159	227	233	218	D266	186	236	168	255	46	2,261
19	Grahame, R. H., Langley Pr.	W.L....	177	222	273	245	258	245	214	190	239	156	18	2,237
20	Green-Wilkinson, Salt Spring	W.L....	186	249	220	202	232	175	206	223	202	167	48	2,110
21	Homan & Twemlow, Coghlan	W.L....	233	175	200	269	237	153	217	*247	198	201	5	2,139
22	Jackson, R. S. A., Duncan	W.L....	242	210	190	178	D133	155	233	D192	134	194	46	1,907
23	Kennedy Bros., New Westminster	W.L....	257	*78	177	194	264	262	171	165	155	163	36	1,922
24	Kershaw, J., Haney	W.L....	236	177	161	223	196	204	213	213	204	217	20	2,064
25	Metcalfe, C. P., Hammond	W.L....	213	D 35	241	174	178	188	D 69	217	148	231	13	1,707
26	Mufford, J. H. & Sons, Milner	W.L....	260	195	299	239	199	206	142	217	201	209	14	2,181
27	Nicol & Eyes, Langley Pr.	W.L....	191	154	137	222	D178	26	187	201	193	180	71	1,740
28	Parker, F. E., Somenos	W.L....	*199	211	236	230	188	164	213	205	228	183	38	2,095
29	Regan Bros., Cobble Hill	W.L....	225	191	143	144	*142	155	243	251	212	*139	43	1,888
30	Ruttledge, M. H., Sardis	W.L....	242	251	220	189	243	195	217	245	264	*164	19	2,249
31	Schofield, A. W., New Westminster	W.L....	186	*187	209	227	242	179	208	239	197	D112	27	2,013
32	Simpson & Holland, Haney	W.L....	269	D 84	D 63	223	200	58	*273	*279	248	172	25	1,894
33	Smith, E. Yale, Chilliwack	W.L....	156	229	274	164	266	229	233	226	200	206	27	2,210
34	Tozer, W. & F. M., Milner	W.L....	216	207	177	207	210	243	213	201	233	234	9	2,150
35	Unsworth, A., Sardis	W.L....	239	163	163	240	177	242	213	241	86	203	20	1,987
36	Webster, J. T., Robson	W.L....	238	232	259	199	251	195	257	247	225	190	22	2,315

\*—Production of more than one bird.

D—Dead but not substituted.



## BRITISH COLUMBIA EGG-LAYING CONTEST—AGASSIZ

## TABLE SHOWING PRODUCTIVE COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1922-23

Pen Number	Scratch grain	Meal mixture	Green feed	Milk	Grit	Shell	Total cost	Eggs laid	Value	Gain	Feed cost per dozen
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	\$ c.	No.	\$ c.	\$ c.	cts.
1.....	440	672.0	577	765	6.0	35.5	30 77	2,383	63 27	32 50	15.5
2.....	428	603.0	577	765	3.5	33.0	28 72	1,971	46 70	17 98	17.0
3.....	430	425.5	577	765	5.0	31.0	24 84	1,616	40 49	15 65	18.0
4.....	432	597.0	577	765	5.0	37.0	28 88	2,161	54 49	25 61	16.0
5.....	432	568.25	577	765	4.5	33.5	28 31	1,953	51 69	23 38	17.0
6.....	421	501.0	577	765	4.5	28.5	26 29	1,627	39 43	13 14	19.0
7.....	432	553.0	577	765	7.0	24.0	27 70	1,606	38 07	10 37	20.5
8.....	424	506.5	577	765	4.5	29.5	26 45	1,602	40 14	13 69	19.5
9.....	432	700.5	577	765	6.0	38.0	32 00	1,928	49 49	17 49	19.5
10.....	436	455.0	577	765	4.5	33.5	25 73	2,355	65 02	39 29	13.0
11.....	428	490.0	577	765	4.0	33.0	26 29	1,674	42 03	15 74	19.0
12.....	430	469.5	577	765	3.5	41.0	26 10	1,694	43 97	17 87	18.5
13.....	434	455.75	577	765	4.5	33.5	25 67	2,088	56 59	30 92	14.5
14.....	423	478.0	577	765	5.5	32.5	26 25	1,655	39 21	12 96	19.0
15.....	427	400.0	577	765	6.0	33.5	24 23	2,106	53 83	29 60	13.5
16.....	430	551.5	577	765	4.0	39.0	27 80	2,163	55 81	28 01	13.5
17.....	432	361.0	577	765	6.0	42.0	23 61	2,296	58 99	35 38	12.0
18.....	428	430.0	577	765	7.1	41.5	25 24	2,261	57 78	32 54	13.0
19.....	431	507.0	577	765	3.5	39.5	26 78	2,237	58 66	31 88	14.0
20.....	429	420.0	577	765	5.0	36.5	24 80	2,110	53 63	28 83	14.0
21.....	453	394.0	577	765	4.0	42.0	24 81	2,139	55 52	30 71	14.0
22.....	423	331.0	577	765	2.5	34.0	22 52	1,907	47 48	24 96	14.0
23.....	429	402.5	577	765	3.0	36.0	24 33	1,922	48 23	23 90	15.0
24.....	427	313.0	577	765	6.0	36.5	22 33	2,064	50 78	28 45	12.5
25.....	426	309.0	577	765	5.0	32.5	22 04	1,707	42 12	20 08	15.5
26.....	429	405.0	577	765	4.5	40.0	24 45	2,181	54 22	29 77	13.0
27.....	424	424.75	577	765	4.5	39.0	24 81	1,740	43 54	18 73	17.0
28.....	429	450.0	577	765	16.5	41.75	25 60	2,095	51 78	26 18	14.5
29.....	407	388.5	577	765	33.0	30.5	23 42	1,888	46 78	23 36	14.5
30.....	429	483.0	577	765	4.25	36.0	26 19	2,249	58 18	31 99	14.0
31.....	427	395.5	577	765	5.5	40.0	24 46	2,013	51 85	27 39	14.5
32.....	458	383.0	577	765	2.75	31.5	24 37	1,894	50 60	26 23	15.0
33.....	428	591.5	577	765	4.5	41.5	28 77	2,210	54 56	25 79	15.5
34.....	421	464.5	577	765	6.5	43.0	25 76	2,150	53 10	27 34	14.0
35.....	430	432.0	577	765	3.5	30.1	24 91	1,987	48 42	23 51	15.0
36.....	410	430.5	577	765	5.95	44.0	25 03	2,315	58 87	33 84	13.0
Total.....	15,449	16,740.25	20,772	27,540	181.55	1,293.85	930 26	71,947	1,825 32	895 06	.....
Average.....	429	465.0	577	765	5.4	35.9	25 84	1,998	50 70	24 86	15.6

## VARIETY AVERAGES

Table giving the number of birds, average production and cost per dozen by varieties for all contests and also for each contest in 1922-23.

## ALL CONTESTS

Variety	Number birds	Average production	Feed cost per dozen
			cts.
Barred Plymouth Rocks.....	1,170	164.1	15.6
White Leghorns.....	1,010	167.9	13.2
White Wyandottes.....	420	158.2	15.1
S.C. Rhode Island Reds.....	140	129.5	20.4
Anconas.....	70	148.9	14.4
White Plymouth Rocks.....	70	141.3	16.8
Buff Orpington.....	30	152.8	20.4
R.C. Rhode Island Reds.....	20	137.8	16.8
Blue Andalusians.....	10	165.5	16.8
R.C. Brown Leghorns.....	10	144.9	14.4
Partridge Rocks.....	10	142.6	12.0
Columbian Wyandottes.....	10	124.7	20.4
Black Langshans.....	10	106.6	20.4
S.C. Brown Leghorns.....	10	99.9	24.0
Chantecler.....	10	99.2	21.6
Total.....	3,000	.....	.....
Average.....	.....	164.3	15.6

## CANADIAN CONTEST

Variety	Number birds	Average production	Feed cost per dozen
			cts.
White Leghorns.....	310	169.4	13.2
Barred Plymouth Rocks.....	270	169.2	15.6
White Wyandottes.....	70	127.7	19.2
White P. Rocks.....	20	133.6	19.2
Anconas.....	10	181.0	12.8
S.C. Rhode Island Reds.....	10	112.0	24.0
Chanteclers.....	10	99.2	21.6
Total.....	700		
Average.....		162.5	15.1

## PRINCE EDWARD ISLAND CONTEST

Variety	Number birds	Average production	Feed cost per dozen
			cts.
Barred Plymouth Rocks.....	90	155.5	15.6
White Leghorns.....	60	179.5	13.2
White Wyandottes.....	20	161.2	16.6
Anconas.....	10	149.3	14.4
S.C. Rhode Island Reds.....	10	137.3	18.0
R.C. Rhode Island Reds.....	10	115.4	21.6
Total.....	200		
Average.....		160.1	15.6

## NOVA SCOTIA CONTEST

Variety	Number birds	Average production	Feed cost per dozen
			cts.
Barred Plymouth Rocks.....	140	157.9	20.4
S.C. Rhode Island Reds.....	20	107.0	27.6
Buff Orpingtons.....	10	144.1	24.0
White Leghorns.....	10	103.4	24.0
Brown Leghorns.....	10	99.9	24.0
White Wyandottes.....	10	92.2	24.0
Total.....	200		
Average.....		143.2	22.3

## NEW BRUNSWICK CONTEST

Variety	Number birds	Average production	Feed cost per dozen
			cts.
Barred Plymouth Rocks.....	140	163.1	20.4
White Leghorns.....	30	154.2	18.0
White Wyandottes.....	20	193.0	16.2
White P. Rocks.....	10	112.1	27.6
Total.....	200		
Average.....		162.2	20.0



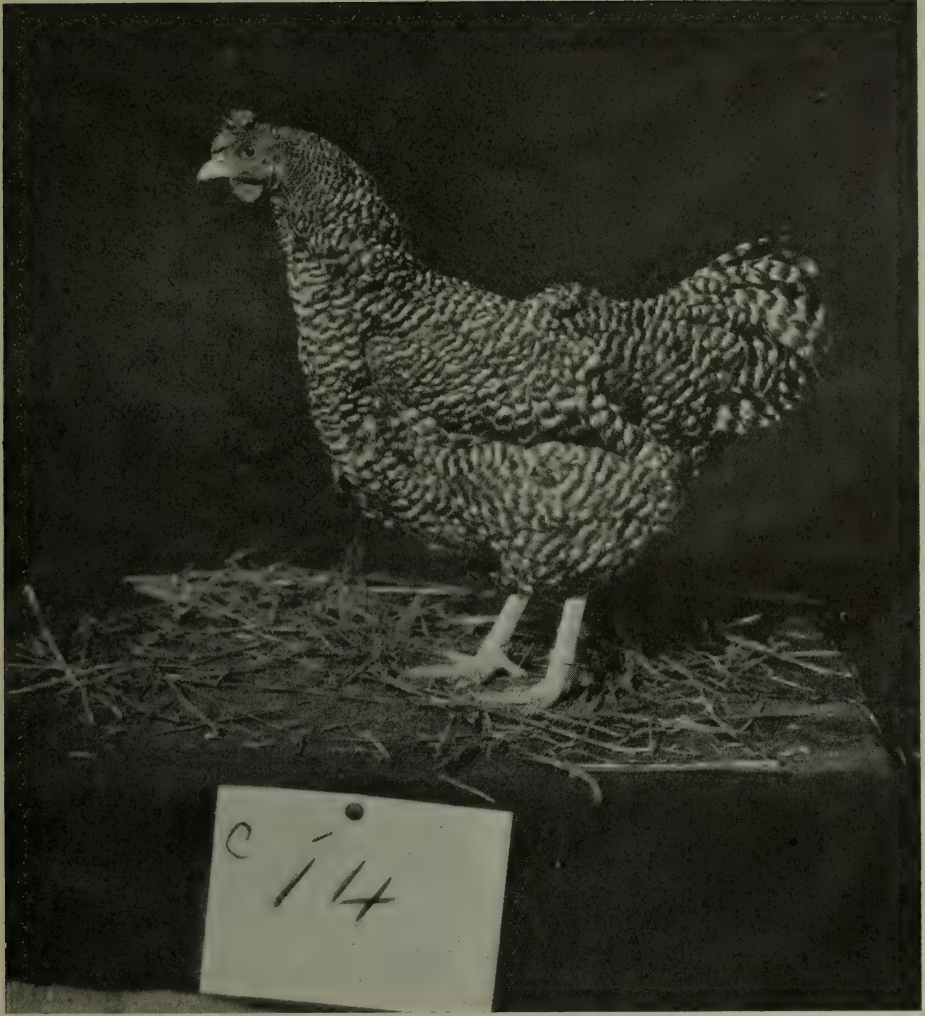


Fig. 5.—The hen that came first in the Ontario Contest 1922-23. Owned by J. R. Stork, St. Catharines, Ont. A Barred Plymouth Rock of the right type.

QUEBEC EASTERN CONTEST

Variety	Number birds	Average production	Feed cost per dozen
			cts.
Rhode Island Reds.....	60	114.6	22.9
Barred Plymouth Rocks.....	60	110.4	24.0
Total.....	120		
Average.....		112.5	23.5

## QUEBEC WESTERN CONTEST

Variety	Number birds	Average production	Feed cost per dozen
			cts.
Barred Plymouth Rocks.....	90	137.0	18.0
White Leghorns.....	60	145.4	13.2
White Wyandottes.....	40	169.1	14.6
S.C. Rhode Island Reds.....	10	131.6	16.8
Total.....	200		
Average.....		145.7	16.4

## ONTARIO CONTEST

Variety	Number birds	Average production	Feed cost per dozen
			cts.
White Leghorns.....	180	191.8	12.0
Barred Plymouth Rocks.....	110	183.9	14.4
White Wyandottes.....	30	168.3	16.2
Anconas.....	30	154.8	14.4
White Plymouth Rocks.....	10	162.9	18.0
Columbian Wyandottes.....	10	124.7	20.4
Total.....	370		
Average.....		182.0	14.0

## MANITOBA CONTEST

Variety	Number birds	Average production	Feed cost per dozen
			cts.
Barred Plymouth Rocks.....	90	180.5	12.0
White Leghorns.....	50	148.7	13.2
White Wyandottes.....	20	170.7	13.2
White P. Rocks.....	10	141.5	15.6
Rhode Island Reds.....	10	197.0	12.0
Black Lan shans.....	10	106.6	20.4
Total.....	190		
Average.....		166.0	13.6

## SASKATCHEWAN CONTEST

Variety	Number birds	Average production	Feed cost per dozen
			cts.
White Wyandottes.....	120	149.8	14.1
White Leghorns.....	50	130.4	14.4
Barred Plymouth Rocks.....	20	138.2	14.4
Anconas.....	20	123.9	15.6
Rhode Island Reds.....	10	141.6	14.4
Total.....	220		
Average.....		141.8	14.5



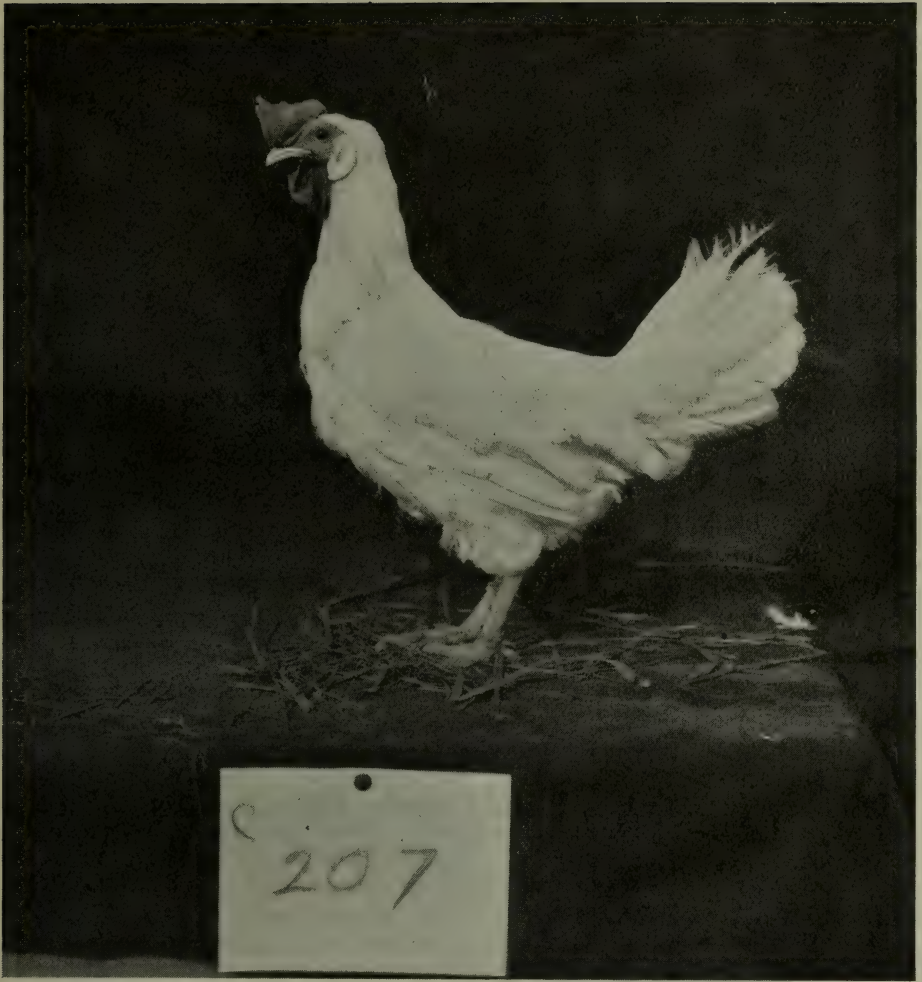


Fig. 6.—The hen placed second in the Ontario Contest 1922-23, with a record of 285 eggs. Owned by Alex. McLean, Gananoque, Ont. A desirable type with high production.

#### ALBERTA CONTEST

Variety	Number birds	Average production	Feed cost per dozen
			cts.
Barred Plymouth Rocks.....	110	188.0	9.6
White Wyandottes.....	50	169.2	11.4
White Leghorns.....	40	162.5	9.6
White Plymouth Rocks.....	20	152.2	12.0
R.C. Brown Leghorns.....	10	144.9	10.8
Partridge P. Rocks.....	10	142.6	12.0
Total.....	240		
Average.....		173.2	10.7

## BRITISH COLUMBIA CONTEST

Variety	Number birds	Average production	Feed cost per dozen
			cts.
White Leghorns.....	220	207.4	13.2
Barred Plymouth Rocks.....	50	201.6	16.8
White Wyandottes.....	40	195.2	15.8
Buff Orpington.....	20	161.6	19.2
S.C. Rhode Island Reds.....	10	192.8	19.2
Blue Andalusians.....	10	165.5	18.0
R.C. Rhode Island Reds.....	10	160.2	19.2
Total.....	360		
Average.....		199.8	15.6

## VARIETY AVERAGES

In reading the table giving average production by varieties for all contests it can be seen, quite readily, which varieties are the most popular. Barred Plymouth Rocks lead the way, closely followed by White Leghorns. These two varieties make up over two-thirds of the total number of birds entered. White Wyandottes are third in order and next we find S.C. Rhode Island Reds. Anconas and White Plymouth Rocks have seven pens each. As we continue down the list the falling off is gradual until single entries appear, and it would be misleading to compare the production of one single entry with such entries as are found in the first four places.

The White Leghorns lead in average production with 167.9 eggs per bird and next in order we find the single pen of Andalusians with 165.5 eggs, and in third place the Barred Plymouth Rocks with 164.1 eggs each, while the White Wyandottes are fourth with 158.2 eggs for each bird. It is quite safe to conclude that the three most popular varieties are the leaders in average production.

Of the three varieties, Barred Plymouth Rocks, White Leghorns, and White Wyandottes, the Leghorns lead with lowest production cost per dozen (for feed only), producing eggs at 13.2 cents; the White Wyandottes are second with 15.1 cents; and the Barred Plymouth Rocks third with 15.6 cents per dozen.

The Barred Plymouth Rocks lead in popularity in six provinces, while White Leghorns lead in Ontario and British Columbia.

## TABLE GIVING PRODUCTION COST FOR EACH CONTEST

Average per pen (10 birds) feed consumed, cost, egg yield and cost of production for 1922-23

Contest	Scratch grain	Meal mixture	Beef scrap	Green feed	Milk	Grit	Shell	Char-coal	Total cost	Eggs laid	Value	Gain	Feed cost per doz.
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	\$	No.	\$ c.	\$ c.	
Canadian.....	430.0	276.3	52.5	153.0	650	25.3	58.5	.....	20 63	1,625	66 53	45 91	15.1
Prince Edward Island....	551.0	191.4	15.1	246.0	.....	26.5	31.8	.....	20 96	1,601	40 69	19 73	15.6
Nova Scotia.....	645.0	285.8	44.0	185.5	.....	28.4	42.4	.....	26 67	1,432	44 07	17 40	22.3
New Brunswick.....	587.0	464.0	.....	278.0	532	29.0	35.5	.....	27 05	1,622	54 36	27 20	20.0
Quebec East.....	535.0	329.0	35.1	376.0	16	16.7	40.7	18.5	22 08	1,125	33 37	11 30	24.5
Quebec West.....	482.0	311.9	46.7	364.0	.....	26.7	44.6	.....	19 99	1,457	50 52	30 53	16.4
Ontario.....	491.7	240.7	45.1	153.0	650	26.7	43.5	.....	20 85	1,820	74 22	53 37	14.0
Manitoba.....	457.0	486.0	16.5	53.0	669	19.4	32.0	.....	17 96	1,660	43 94	25 97	13.6
Saskatchewan.....	440.0	400.0	72.0	.....	40	19.4	31.4	13.2	17 21	1,418	32 94	15 72	14.5
Alberta.....	424.0	457.0	15.4	54.0	10	8.7	19.2	6.6	15 57	1,732	47 61	32 06	10.7
British Columbia.....	429.0	465.0	.....	577.0	765	5.4	35.9	.....	25 84	1,998	50 70	24 86	15.6
Average.....	495.6	355.1	37.8	243.9	416	21.1	37.7	12.7	21 34	1,643	48 99	27 64	15.6



### PRODUCTION COSTS FOR EACH CONTEST

From the table giving production costs for each contest, comparison can be made as to amounts of the various feeds used. Comparisons can also be made as to the total cost of feed for each contest. As all eggs were sold at market prices, comparisons can be made of revenue from sale of eggs with profit per pen, also the amount each dozen eggs cost for feeds used, in the various contests. By comparing the provincial contests one with another, the lowest production costs were obtained in Alberta, with Manitoba second, and Ontario third. With the comparative low egg yield in Saskatchewan, the cost per dozen was extremely low. Production costs there were only one-half cent per dozen more than that obtained in Ontario, yet the egg yield in the Ontario Contest was over 400 eggs per pen greater than in the Saskatchewan. The low cost of production in the Saskatchewan Contest is of course due, not to high production, but rather to the low cost of feeds used.

The production costs for all contests in 1922-23 was 15.6 cents per dozen which was 2.4 cents lower than that obtained the previous year.

### MORTALITY LIST 1922-23 CONTESTS

Contest	Pens	Deaths	Per cent
Canadian.....	70	177	25.2
Prince Edward Island.....	20	18	9.0
Nova Scotia.....	20	38	19.0
New Brunswick.....	20	26	13.0
Quebec East.....	12	25	20.8
Quebec West.....	20	10	5.0
Ontario.....	37	39	10.5
Manitoba.....	19	7	3.6
Saskatchewan.....	22	19	8.6
Alberta.....	24	14	5.0
British Columbia.....	36	29	8.0
Total.....	300	402	13.4

### MORTALITY

Two causes were responsible for most of the deaths. These were first, colds, which later developed into roup, and second, reproductive system disorders. Roup in its various forms being very difficult to control and even more difficult to exterminate, very often affects the entire pen when it once enters, and even though some birds have considerable resisting powers and appear to become only slightly affected and able to throw off the disease, others either succumb or become so weakened as to very materially decrease the egg yield. The heavy mortality in the Canadian, the Nova Scotia, and the Quebec Eastern Contests, as shown above, was due very largely to roup. The disease made its entrance early in the winter and took a heavy toll before it was put under control.

Disorders of the reproductive system are numerous and almost impossible to control, probably because they usually affect the high-producing birds. Many deaths of contest birds were the result of heavy feeding and high egg production. While colds which later develop into roup, canker, etc., are the result of infection, it is nevertheless true that birds in heavy production are more prone to infection, because of the heavy strain on the system, than birds in ordinary or low production.

Digestive disorders such as enlarged crop, impaction of the gizzard and enlarged or fatty degeneration of the liver, were responsible for a number of deaths, but relatively speaking the toll taken by such disorders was small.

## PART II

FIFTH ANNUAL CANADIAN NATIONAL EGG-LAYING CONTEST  
1923-24

Another series of egg-laying contests was conducted by the Experimental Farms' Branch of the Department of Agriculture, starting November 1, 1923, and ending October 29, 1924. A laying contest was conducted in each province in Canada, and the Canadian Contest was held at the Central Farm, Ottawa. There was an increase in the number of pens entered over the previous year, and the total aggregate of birds entered for these contests was 3,600. The names and locations of the contests were as follows:—

## CANADIAN CONTEST

Canadian Egg-Laying Contest,  
Experimental Farm, Ottawa, Ont.

## PROVINCIAL CONTESTS

Prince Edward Island Egg-Laying Contest,  
Experimental Station, Charlottetown, P.E.I.

Nova Scotia Federal Egg-Laying Contest,  
Experimental Farm, Nappan, N.S.

New Brunswick Egg-Laying Contest,  
Experimental Station, Fredericton, N.B.

Quebec Eastern Egg-Laying Contest.  
Experimental Station, Ste. Anne de la Pocatière, Que.

Quebec Western Egg-Laying Contest,  
Experimental Station, Lennoxville, Que.

Ontario Egg-Laying Contest,  
Experimental Farm, Ottawa, Ont.

Manitoba Egg-Laying Contest,  
Experimental Farm, Brandon, Man.

Saskatchewan Egg-Laying Contest,  
Experimental Farm, Indian Head, Sask.

Alberta Egg-Laying Contest,  
Experimental Station, Lethbridge, Alta.

British Columbia Egg-Laying Contest,  
Experimental Farm, Agassiz, B.C.

Vancouver Island Egg-Laying Contest,  
Experimental Station, Saanichton, V.I., B.C.





Fig. 7.—Manitoba Egg-Laying Contest, Brandon, Manitoba. Front view of contest-houses.

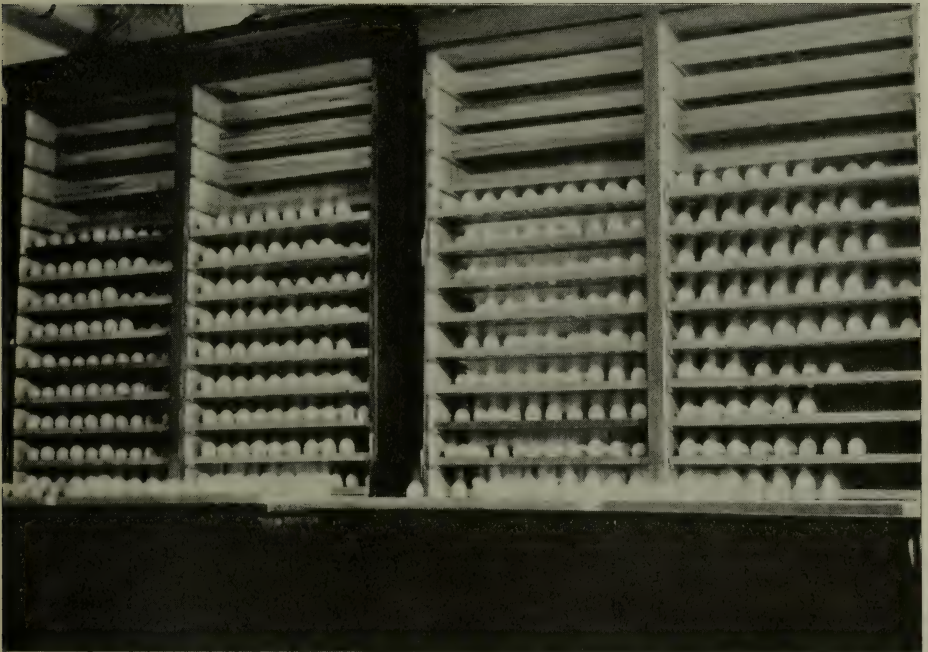


Fig. 8.—The egg-cupboards at Ottawa, Ont.; showing a good day's work in the Canadian Contest.  
Each shelf represents one day's work for ten birds.

## CANADIAN EGG-LAYING CONTEST—OTTAWA

## LIST OF ENTRANTS

With individual and total production 1923-24

Pen	Owner and Address	Variety	Bird No.										Floor	Total
			1	2	3	4	5	6	7	8	9	10		
1	J. R. Stork, St. Catharines, Ont.	B.R....	71	115	152	48	*137	102	144	148	*132	179	3	1,228
2	Rev. H. A. E. Clarke, Bells Corners, Ont.	B.R....	186	189	170	206	200	205	207	114	*173	124	2	1,774
3	G. E. Hall, Trafalgar, Ont.	B.R....	185	*153	180	151	198	*223	219	*129	83	191	5	1,712
4	A. Dalgarno, Hanover, Ont.	B.R....	*36	125	171	95	*171	2	167	213	175	114	3	1,269
5	C. A. Webster, Cainsville, Ont.	B.R....	161	153	227	113	141	161	219	188	229	161	8	1,753
6	R. A. Snowball, Chatham, N.B.	B.R....	160	196	238	170	234	214	256	258	249	137	8	2,112
7	J. C. Quanbury, Port Dover, Ont.	B.R....	183	150	*195	197	153	46	91	129	221	81	4	1,446
8	W. E. B. Tait, Dorchester, N.B.	B.R....	*176	165	119	247	226	175	200	59	98	139	3	1,604
9	W. J. Johnston, Meaford, Ont.	B.R....	152	178	226	172	208	165	190	190	207	179	5	1,867
10	French Bros., Newmarket, Ont.	B.R....	158	172	200	130	D98	184	144	116	123	*1	1	1,326
11	Wm. Downham, Highland Creek, Ont.	B.R....	183	*166	138	207	43	253	219	158	144	245	4	1,756
12	J. W. Clark, Cainsville, Ont.	B.R....	176	170	*125	146	14	182	124	208	*62	217	2	1,424
13	H. G. L. Strange, Penn. Alta.	B.R....	169	200	103	185	209	192	193	*214	155	201	8	1,821
14	Ferguson Farms, Dyersburg, Tenn.	B.R....	211	152	134	147	224	204	41	183	154	165	3	1,615
15	E. C. Foreman, East Lansing, Mich.	B.R....	244	135	143	169	94	197	215	132	135	157	3	1,621
16	Culp's Poultry Farm, Berkeley, Ont.	B.R....	159	105	186	215	168	215	*170	198	176	221	0	1,813
17	Hope P. Farm, Billings Bridge, Ont.	B.R....	208	214	211	207	178	180	*188	244	206	52	E	1,888
18	W. E. L. Coleman, Ottawa, Ont.	B.R....	228	180	173	152	103	*128	156	186	130	141	0	1,577
19	J. R. Baker, Batteau, Ont.	B.R....	115	109	131	116	113	133	149	152	139	121	3	1,278
20	C. M. Goddard, Britannia Heights, Ont.	B.R....	95	178	39	163	*200	207	233	167	*212	193	12	1,687
21	W. R. Retson, Truro, N.S.	R.C. R.I.R.	192	196	99	220	255	193	207	221	132	*203	1	1,918
22	Evergreen Farm, Greenville, Mich.	W.W....	*241	172	154	203	178	228	134	229	174	179	6	1,892
23	W. H. Fisher, Ayton, Ont.	W.W....	0	218	195	178	197	195	203	192	132	124	2	1,634
24	J. C. Mercer, Markdale, Ont.	W.W....	83	*66	143	168	168	152	191	*47	146	D 91	4	1,255
25	Chas. L. Miller, Hamilton, Ont.	W.W....	*108	209	168	245	*189	173	109	113	159	182	8	1,655
26	H. Simpson, Leamington, Ont.	W. R....	184	23	139	57	165	116	120	*92	154	169	7	1,219
27	N. H. Gampp, New Hamburg, Ont.	S.C.A....	195	186	67	142	200	178	186	157	105	107	7	1,523
28	H. G. Hebel, Bridgeport, Ont.	W.L....	173	D60	216	187	D52	D43	D114	200	D24	139	2	1,208
29	Chas. Williamson, Woodroffe, Ont.	W.L....	214	172	193	166	190	170	160	140	141	115	1	1,661
30	Heber S. Rogers, Peterboro, Ont.	W.L....	205	195	206	*229	179	225	212	173	187	228	10	2,039
31	Philip Henrich, Waterloo, Ont.	W.L....	230	235	179	*152	144	*105	*170	187	155	165	6	1,722
32	Ottawa East P. Yards, Ottawa, Ont.	W.L....	206	193	173	205	149	*158	*135	129	130	195	0	1,678
33	Stork & Ruddle, St. Catharines, Ont.	W.L....	163	207	216	202	*166	165	172	*235	116	196	5	1,838
34	G. S. Dundas, Markdale, Ont.	W.L....	*191	165	128	*109	D36	D164	D153	*229	225	142	3	1,542
35	Meadowedge Farm, Cedarhurst, N.Y.	W.L....	100	D196	136	99	188	161	*89	226	190	D209	11	1,594
36	Dr. I. H. Ante, Richmond Hill, Ont.	W.L....	125	157	192	*136	166	210	205	167	228	*158	0	1,744
37	Lewis N. Clark, Port Hope, Ont.	W.L....	233	268	251	192	190	227	*168	205	230	165	6	2,129
38	G. A. Wood, Peterboro, Ont.	W.L....	*161	*135	153	D71	209	*189	232	*116	170	153	7	1,589
39	H. Bolivar, Cloverdale, B.C.	W.L....	*227	213	232	D130	*203	D205	216	207	214	197	4	2,044
40	Water Rose, Brussels, Ont.	W.L....	242	226	100	243	187	181	242	*195	157	186	6	1,959
41	Russell Sulley, Courtice, Ont.	W.I....	217	163	*167	194	190	141	156	D170	162	158	10	1,718
42	Geo. B. Ferris, Grand Rapids, Mich.	W.L....	*132	241	*149	169	214	*186	213	*140	*183	172	5	1,799

\* Production of more than one bird.

D Dead but not substituted.



## CANADIAN EGG-LAYING CONTEST—OTTAWA

## LIST OF ENTRANTS—Concluded

With individual and total production 1923-24—Concluded

Pen	Owner and Address	Variety	Bird No.										Floor	Total
			1	2	3	4	5	6	7	8	9	10		
43	R. J. Penahl, Port Dover, Ont.	W.L....	139	229	231	*218	*124	*211	*155	D164	*168	*166	6	1,805
44	Hollywood P. Farm, Hollywood, Wash.	W.L....	213	*216	222	232	*242	181	215	*209	*236	242	4	2,208
45	Manor Farms, Clarkson, Ont.	W.L....	207	169	167	197	212	111	140	*185	209	167	1	1,764
46	C. W. Sulley, Cobourg, Ont.	W.L....	179	137	124	D84	207	149	*168	144	208	*202	1	1,602
47	Cloverlea Stock Farm, Edmonton, Alta.	W.L....	203	209	205	*184	219	203	181	272	156	*110	6	1,942
48	W. J. Richardson, Caledonia, Ont.	W.L....	115	D92	183	103	D132	148	119	185	161	180	0	1,418
49	Cooksville P. Farm, Cooksville, Ont.	W.L....	174	180	223	141	109	124	208	*135	179	203	1	1,676
50	H. G. Rogers, Cooksville, Ont.	W.L....	145	D99	135	92	D79	179	D111	*131	5	135	4	1,111
51	Winchester P. Farm, Deep Brook, N.S.	W.L....	238	160	128	190	178	*182	113	270	215	173	12	1,847
52	J. C. Quabury, Port Dover, Ont.	W.L....	117	193	236	192	203	237	234	*158	203	267	13	2,040
53	Alex McLean, Gananoque, Ont.	W.L....	180	251	210	190	*168	268	255	*216	245	216	16	2,199
54	Geo. Craig, Deschenes, Que.	W.L....	154	226	87	*149	136	197	159	*130	235	233	16	1,706
55	W. H. Fisher, Ayton, Ont.	W.L....	215	215	D88	241	*227	*213	247	*182	209	*208	10	2,045
56	J. C. Mercer, Markdale, Ont.	W.L....	173	187	*115	116	195	170	114	220	*202	109	13	1,601
57	C. W. Coit, Bowmanville, Ont.	W.L....	187	175	109	229	140	0	233	181	244	*128	16	1,626
58	W. J. O'Neall, Bassano, Alta.	W.L....	190	233	191	132	205	*246	205	203	*211	*186	11	2,002
59	Credit Vale Farm, Streetsville, Ont.	W.L....	197	220	208	248	*123	175	208	211	214	166	18	1,970
60	H. E. Smith, Port Arthur, Ont.	W.L....	151	167	205	169	163	178	271	180	149	189	15	1,822
61	T. W. Morse, Port Credit, Ont.	W.L....	130	156	149	75	114	189	*142	111	108	194	14	1,368
62	University B.C., Vancouver, B.C.	W.L....	*184	125	187	222	*209	224	163	240	239	227	15	2,020
63	Ont. Agri. College, Guelph, Ont.	W.L....	*67	129	76	*193	8	199	3	209	127	*144	17	1,155
64	Man. Agri. College, Winnipeg, Man.	W.L....	73	190	D124	85	74	D5	D140	160	172	182	7	1,205
65	Kemptville Agri. Sch., Kemptville, Ont.	W.L....	*229	237	169	226	208	202	*183	244	224	200	14	2,122
66	Macdonald College, Macdonald Col., Que.	S.C.	D171	D57	*154	166	D132	D152	*197	161	*169	156	18	1,515
67	Macdonald College, Macdonald Col., Que.	B.R....	D48	*148	*141	*137	174	194	162	206	179	151	10	1,540
68	Ont. Agri. College, Guelph, Ont.	B.R....	153	191	216	206	*144	*146	*96	168	96	220	17	1,636
69	Man. Agri. College, Winnipeg, Man.	B.R....	D65	D96	D141	173	93	*153	204	150	D134	68	20	1,277
70	Kemptville Agri. Sch., Kemptville, Ont.	B.R....	180	89	254	172	209	254	168	120	*111	*105	8	1,662
71	Experimental Farm, Lethbridge, Alta.	B.R....	221	125	251	*106	*136	*145	147	140	153	185	23	1,609
72	Experimental Farm, Ottawa, Ont.	B.R....	234	D48	D51	189	157	D58	D95	*151	180	*89	29	1,252
73	Experimental Farm, Ottawa, Ont.	B.R....	174	D210	198	208	199	*187	238	*202	187	173	7	1,976
74	Experimental Farm, Ottawa, Ont.	B.R....	212	183	*100	D82	204	*140	D97	*91	205	D4	5	1,318
75	Experimental Farm, Ottawa, Ont.	B.R....	248	*167	179	223	252	D136	D92	*194	219	149	14	1,859
76	Experimental Farm, Ottawa, Ont.	W.L....	D130	*150	D80	*152	*166	229	*199	252	*183	257	9	1,798
77	Experimental Farm, Ottawa, Ont.	W.L....	168	189	*177	D79	*146	*160	219	*84	49	*178	17	1,449
78	Experimental Farm, Ottawa, Ont.	W.L....	*143	D38	*71	*88	169	*163	211	164	*121	D168	16	1,336
79	Experimental Farm, Ottawa, Ont.	W.L....	D87	*122	*159	*161	192	221	D34	243	143	D95	13	1,447
80	Experimental Farm, Ottawa, Ont.	W.L....	*119	*95	*89	90	161	*174	*116	*41	*120	112	16	1,117

\* Production of more than one bird.

D Dead but not substituted.

## CANADIAN EGG-LAYING CONTEST, OTTAWA.

## TABLE SHOWING PRODUCTION COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1923-24

Pen Number	Scratch grain	Meal mixture	Meat feed	Green feed	Milk	Grit	Shell	Total cost	Eggs laid	Value	Gain	Feed cost per dozen
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	\$	No.	\$	\$	cts.
1	463	211-0	42-0	415-25	600	39-0	109-5	20 36	1,228	51 99	31 63	19-8
2	478	263-0	41-5	415-25	600	44-5	81-0	21 45	1,774	72 30	50 85	14-4
3	465	289-0	46-5	415-25	600	24-0	98-0	23 73	1,712	72 26	48 53	16-5
4	486	216-5	39-0	415-25	600	40-0	75-0	20 46	1,269	50 29	29 83	19-3
5	426	317-0	48-5	415-25	600	21-5	113-5	23 52	1,753	70 56	47 04	16-0
6	496	302-5	41-5	415-25	600	10-0	91-5	23 16	2,112	87 09	63 93	13-0
7	427	279-0	44-5	415-25	600	30-0	91-5	20 83	1,446	63 49	42 66	17-2
8	495	251-5	48-5	415-25	600	33-5	98-0	22 09	1,606	68 19	46 10	16-4
9	410	382-5	48-5	415-25	600	59-0	104-5	23 10	1,867	75 32	52 22	14-7
10	479	204-0	46-5	415-25	600	20-0	81-5	21 82	1,326	53 52	31 70	19-6
11	425	292-0	31-5	415-25	600	22-5	96-0	22 08	1,756	74 76	52 68	15-0
12	484	208-5	38-5	415-25	600	25-5	71-5	20 08	1,424	58 00	37 92	16-9
13	421	301-0	35-5	415-25	600	32-0	75-5	20 56	1,821	69 17	48 61	13-4
14	457	262-5	38-5	415-25	600	27-0	63-5	20 53	1,615	65 83	45 30	15-2
15	411	233-0	42-5	415-25	600	28-5	66-0	19 22	1,621	64 06	44 84	14-1
16	464	255-5	38-5	415-25	600	25-0	76-0	20 65	1,818	78 32	57 67	13-5
17	412	304-5	47-5	415-25	600	40-5	106-5	20 45	1,888	76 48	56 03	12-9
18	476	263-0	48-5	415-25	600	43-5	80-0	21 73	1,778	63 77	42 04	16-4
19	447	263-5	46-5	415-25	600	50-0	54-0	20 83	1,278	45 34	24 51	19-2
20	427	285-0	46-5	415-25	600	21-0	71-5	20 78	1,687	71 08	50 30	14-7
21	477	275-5	43-5	415-25	600	17-5	76-5	21 50	1,918	83 09	61 59	13-4
22	429	266-5	13-5	415-25	600	9-5	74-5	18 76	1,892	82 41	63 65	12-0
23	462	287-0	32-5	415-25	600	15-5	78-5	20 87	1,634	67 94	47 07	15-3
24	416	248-5	26-5	415-25	600	23-5	48-0	18 66	1,255	53 71	35 05	17-7
25	488	286-0	37-5	415-25	600	18-5	6-5	20 97	1,655	69 54	48 57	15-1
26	462	354-0	40-5	415-25	600	10-0	88-0	22 67	1,219	49 14	26 47	22-2
27	417	195-0	39-0	415-25	600	33-0	49-0	18 28	1,523	59 62	41 34	14-4
28	347	187-5	28-5	415-25	600	5-0	41-0	15 64	1,208	52 47	36 83	15-4
29	422	262-0	34-5	415-25	600	44-0	44-5	19 54	1,661	60 01	40 47	14-0
30	397	234-0	22-5	415-25	600	32-5	57-0	17 90	2,039	83 41	65 51	13-5
31	474	217-0	36-5	415-25	600	29-0	55-0	19 80	1,722	69 75	49 95	13-6
32	405	240-5	33-5	415-25	600	14-5	44-0	18 46	1,678	64 17	45 71	13-2
33	454	269-5	40-5	415-25	600	32-5	49-5	20 61	1,838	74 72	54 11	13-4
34	402	201-5	39-0	415-25	600	19-5	61-5	16 16	1,542	68 53	52 37	12-4
35	382	220-0	34-5	415-25	600	25-5	53-5	17 81	1,594	71 91	54 10	13-3
36	436	186-0	34-5	415-25	600	27-5	59-5	18 04	1,744	67 68	49 64	12-3
37	391	324-0	44-0	415-25	600	28-0	57-0	20 71	1,129	88 30	67 59	12-2
38	455	200-5	0-5	415-25	600	9-5	44-0	17 26	1,589	65 58	48 32	12-9
39	407	284-0	28-5	415-25	600	39-0	58-0	19 47	2,044	82 74	63 27	12-9
40	453	227-0	36-5	415-25	600	28-0	62-0	19 64	1,959	84 21	64 57	12-0
41	437	244-5	40-5	415-25	600	51-5	62-0	20 33	1,718	69 22	48 89	14-1
42	460	217-5	27-5	415-25	600	32-0	61-0	19 18	1,799	70 15	50 97	17-4
43	414	243-5	34-0	415-25	600	37-0	62-0	19 01	1,805	73 26	54 25	12-6
44	465	261-5	34-5	415-25	600	23-5	54-0	20 36	2,208	95 43	75 07	12-9
45	384	299-0	38-5	415-25	600	33-0	62-5	19 69	1,764	65 04	45 35	13-3
46	464	288-5	33-3	415-25	600	15-5	48-5	19 90	1,602	63 70	43 80	14-8
47	418	288-5	28-5	415-25	600	25-5	52-0	19 63	1,942	79 26	59 63	12-1
48	458	229-0	44-5	415-25	600	54-5	63-0	20 39	1,418	54 98	34 59	17-1
49	389	244-0	31-5	415-25	600	33-0	69-0	18 51	1,676	67 28	48 77	13-2
50	409	154-0	20-5	415-25	600	25-0	41-0	16 23	1,111	47 50	31 27	17-4
51	460	243-0	28-0	415-25	600	33-0	46-5	19 56	1,847	72 95	53 59	12-6
52	468	237-5	26-0	415-25	600	28-5	46-0	19 50	2,040	84 35	64 85	12-4
53	473	294-0	30-0	415-25	600	20-0	49-0	20 87	2,199	92 05	71 18	12-6
54	430	273-0	34-0	415-25	600	31-0	46-0	19 82	1,706	72 31	52 49	13-9
55	466	232-5	20-0	415-25	600	26-0	46-5	19 03	2,045	88 21	69 18	12-8
56	477	191-0	18-0	415-25	600	30-5	34-5	18 25	1,601	65 11	46 86	13-5
57	488	279-5	16-0	415-25	600	36-0	43-0	20 28	1,626	71 00	50 72	14-8
58	447	270-0	36-0	415-25	600	40-0	55-0	20 38	2,002	82 86	62 48	12-1
59	449	213-0	24-0	415-25	600	23-0	47-5	18 46	1,970	82 16	63 70	12-7
60	433	287-5	25-0	415-25	600	22-0	52-0	19 72	1,822	73 82	54 10	12-9
61	464	199-5	16-0	415-25	600	35-0	37-5	18 11	1,367	57 85	39 74	15-8
62	489	270-0	13-0	415-25	600	26-0	43-0	19 88	2,020	84 14	64 26	12-1
63	458	196-5	26-0	415-25	600	21-5	29-0	18 22	1,155	47 42	29 20	18-8
64	422	159-0	20-0	415-25	600	15-0	20-0	16 29	1,205	48 68	32 39	16-2
65	479	254-5	32-0	415-25	600	63-5	50-0	20 68	2,122	85 59	64 91	12-2
66	482	193-5	16-0	415-25	600	16-0	32-0	18 16	1,515	69 45	51 29	14-2
67	512	224-5	40-0	415-25	600	33-0	36-0	20 76	1,540	69 19	48 43	16-08
68	515	244-5	30-0	415-25	600	24-0	48-0	20 78	1,636	66 46	45 68	15-1
69	513	179-5	42-0	415-25	600	22-5	33-5	18 01	1,277	45 06	27 05	16-9
70	517	185-0	40-0	415-25	600	21-0	34-5	19 96	1,662	71 24	51 28	14-4
71	510	258-5	40-5	415-25	600	31-0	59-0	21 64	1,609	73 10	51 46	16-0
72	424	161-5	58-5	415-25	600	25-5	39-0	18 55	1,252	55 82	37 27	17-7
73	529	230-5	30-5	415-25	600	50-5	49-0	21 05	1,976	82 28	61 23	12-7
74	459	194-5	24-5	415-25	600	26-0	41-5	17 29	1,318	56 15	38 86	15-7
75	510	222-5	34-5	415-25	600	8-0	56-5	20 40	1,859	79 32	58 92	13-08
76	419	233-5	24-5	415-25	600	18-0	38-0	18 24	1,798	78 88	60 64	12-1
77	443	190-5	27-0	415-25	600	13-5	34-5	15 73	1,449	62 46	46 73	12-0
78	419	194-5	34-5	415-25	600	11-5	34-0	18 26	1,336	54 53	36 27	16-3
79	419	171-0	17-0	415-25	600	12-0	32-5	16 41	1,447	64 12	47 71	13-5
80	434	151-5	17-0	415-25	600	14-0	31-0	16 34	1,117	46 30	29 96	17-5
Total.....	3,593 1	19,416-5	2,681-5	33,220-0	48,000	2,207-0	4,661-0	1,574 04	132,976	5,499 43	3,925 39	
Average per pen	449-1	242-7	33-5	415-2	600	27-5	58-2	19 67	1,662	68 74	49 06	14-1



## PRINCE EDWARD ISLAND EGG-LAYING CONTEST—CHARLOTTETOWN

## LIST OF ENTRANTS

With individual and total production, 1923-24

Pen	Owner and Address	Variety	Bird No.										Floor	Total
			1	2	3	4	5	6	7	8	9	10		
1	Augustine Wisner, Water- vale	W.W....	171	205	184	175	214	152	162	121	212	194	2	1,792
2	Howard Roper, East Royalty	W.W....	84	163	115	196	206	175	205	154	176	104	8	1,586
3	Rev. A. McAuley, St. Peters'	B.R....	150	167	182	234	141	185	156	146	143	240	9	1,753
4	Mrs. F. Halliday, Eldon	B.R....	168	150	198	173	219	192	152	*188	183	*214	10	1,847
5	Bert Brown, York	B.R....	104	166	156	94	87	141	167	164	165	111	19	1,374
6	J. Jenkins, Mt. Albion	B.R....	151	180	133	237	185	D 105	106	113	156	126	10	1,502
7	D. F. Macdonald, Mon- tague	B.R....	191	141	162	180	78	254	179	*171	218	110	3	1,687
8	Joseph Carmichael, Peakes	B.R....	175	208	143	47	131	*177	201	162	108	79	3	1,434
9	H. L. Machon, Murray Harbour	B.R....	77	156	D 23	102	147	207	90	145	152	155	20	1,274
10	Experimental Station, Charlottetown	B.R....	118	138	181	206	*73	246	170	*105	136	230	12	1,615
11	J. P. Hooper, Charlotte- town	B.R....	176	102	189	167	170	225	211	112	199	184	3	1,738
12	Experimental Station, Charlottetown	W.L....	241	250	262	222	207	173	170	195	178	128	15	2,041
13	Experimental Station, Charlottetown	W.L....	246	232	216	245	159	234	180	201	267	150	5	2,135
14	Experimental Station, Charlottetown	W.L....	226	167	*146	163	211	189	243	213	230	220	10	2,018
15	Experimental Station, Charlottetown	W.L....	141	187	161	*202	157	*152	202	*164	208	*137	6	1,717
16	Everett Howatt, Cape Traverse	W.L....	200	134	*148	170	142	150	152	182	*189	186	15	1,668
17	Edward Bullpitt, Cardigan	W.L....	222	215	183	166	216	166	176	198	162	141	5	1,850
18	Sam McPherson, Martin- vale	W.L....	191	158	134	222	193	157	160	*197	199	171	3	1,785
19	Mrs. Fred McIntyre, Mon- tague	W.L....	152	105	90	134	182	204	212	90	189	210	27	1,595
20	J. J. McGillivray, Vernon Br.	W.L....	170	163	187	158	150	181	216	123	211	193	4	1,756

\*—Production of more than one bird.

D—Dead but not substituted.

## PRINCE EDWARD ISLAND EGG-LAYING CONTEST, CHARLOTTETOWN

## TABLE SHOWING PRODUCTION COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1923-24

Pen Number	Scratch grain	Meal mixture	Meat feed	Green feed	Milk	Grit	Shell	Char- coal	Total cost	Eggs laid	Value	Gain	Feed cost per dozen
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	\$	No.	\$	\$	cts.
1.....	585	141	4-25	397	5	28-0	29-5	13-0	22 40	1,792	41 27	18 87	15
2.....	556	137	7-0	397	5	12-0	25-0	11-0	21 56	1,586	34 25	12 69	16
3.....	572	166	8-5	397	5	16-0	29-0	12-5	22 80	1,753	39 61	16 81	15
4.....	598	147	12-5	397	5	27-0	27-0	11-0	23 36	1,847	41 90	18 54	15
5.....	592	129	8-25	397	5	19-0	20-5	12-5	22 14	1,374	30 60	8 46	19
6.....	604	177	9-5	397	5	18-0	21-0	14-0	23 80	1,502	33 09	9 29	19
7.....	596	138	8-5	397	5	16-0	23-5	13-5	22 58	1,687	38 77	16 19	16
8.....	596	161	10-5	401	5	23-0	24-5	10-5	23 23	1,434	32 41	9 18	19
9.....	568	121	8-0	393	5	16-5	19-5	9-5	21 17	1,274	26 76	5 59	20
10.....	552	146	8-25	397	5	19-0	22-0	12-0	21 73	1,615	36 96	15 23	16
11.....	682	139	7-50	397	5	17-5	23-0	12-0	21 46	1,738	38 83	17 37	14
12.....	514	168	6-75	377	5	20-5	28-5	15-0	21 71	2,041	48 18	26 47	12
13.....	511	173	8-25	377	5	22-0	27-5	13-5	21 59	2,135	50 13	28 54	12
14.....	490	174	9-25	377	5	17-0	26-5	14-0	21 59	2,018	47 89	26 30	12
15.....	470	163	8-5	377	5	21-5	24-5	14-0	20 57	1,717	40 71	20 14	14
16.....	500	201	8-5	377	5	19-5	30-5	12-0	22 21	1,668	37 63	15 42	15
17.....	447	243	7-0	377	5	16-0	26-0	12-5	21 85	1,850	43 78	21 93	14
18.....	488	205	6-75	377	5	21-0	24-0	14-5	21 51	1,785	41 39	19 88	14
19.....	503	148	6-75	377	5	18-5	22-5	13-5	20 55	1,595	36 28	15 73	15
20.....	450	176	7-25	377	5	19-0	28-5	13-0	20 44	1,756	40 77	20 33	13
Total..	10,874	3,253	161-75	7,760	100	387-0	503-0	253-50	438 25	34,167	781 21	342 96	
Average per pen..	543-0	162-0	8-07	308-0	5-0	19-3	25-1	12-6	21 91	1,708	39 06	17 14	15-3

## NOVA SCOTIA EGG-LAYING CONTEST, NAPPAN

## LIST OF ENTRANTS

With individual and total production 1923-24

Pen	Owner and Address	Variety	Bird No.										Floor	Total
			1	2	3	4	5	6	7	8	9	10		
1	Mrs. Geo. Stewart, Pughwash.....	B.R.....	207	172	137	125	175	162	154	102	114	D 68	46	1,462
2	Lawson Low, Amherst.....	B.R.....	*255	208	*206	173	191	*161	112	D 132	D 178	236	16	1,868
3	R. Bligh & Son, Lakeville.....	B.R.....	D 143	201	150	96	203	188	217	169	106	*170	3	1,646
5	D. Bacon, Nappan.....	B.R.....	211	202	255	222	216	184	119	204	132	188	3	1,936
6	F. Cochran, Amherst.....	B.R.....	223	159	183	248	182	219	195	*160	219	*200	4	1,992
7	Mrs. Fred. Chapman, Maccan.....	B.R.....	232	201	162	216	212	*205	191	217	167	212	5	2,020
8	Mrs. John J. Simpson, Wallace Bridge.....	B.R.....	190	215	242	189	236	188	179	193	199	238	7	2,076
9	E. N. Smith, Shinimican Bridge.....	B.R.....	127	194	187	154	247	237	244	207	174	189	10	1,970
10	D. G. O'Reilly, Annapolis Royal.....	W.L.....	145	175	114	D 173	248	237	202	205	252	202	0	1,953
11	B. M. Smith, Wallace Bridge.....	W.W.....	165	*159	172	139	130	201	210	136	115	*138	37	1,602
12	McFarlane Bros., Fox Harbour.....	B.R.....	209	98	151	161	171	184	148	162	164	153	4	1,605
13	McFarlane Bros., Fox Harbour.....	S.C.R. I.R.....	122	121	131	75	124	112	86	*167	165	101	9	1,213
14	Corbett & Hough, Deep Brook.....	W.L.....	202	104	204	159	207	215	218	112	225	107	5	1,758
15	Experimental Station, Charlottetown, P.E.I.....	W.L.....	*149	D 250	*212	198	181	182	254	231	239	217	11	2,124
16	Experimental Station, Kentville.....	W.W.....	146	126	121	111	128	132	108	D 164	151	D 13	8	1,206
17	Experimental Station, Kentville.....	B.R.....	117	163	163	D 65	234	168	D 30	D 228	141	144	1	1,454
18	Experimental Station, Charlottetown, P.E.I.....	B.R.....	79	137	192	*111	121	151	194	121	149	59	13	1,327
19	Experimental Farm, Nappan.....	B.R.....	244	166	219	171	238	*196	181	193	225	250	0	2,083
20	Experimental Farm, Nappan.....	B.R.....	252	235	277	240	205	D 220	*150	230	242	313	8	2,372
21	Experimental Farm, Nappan.....	B.R.....	*243	157	181	164	131	*177	D 161	191	*139	152	8	1,704

\*—Substituted.

D—Dead but not substituted.

## NOVA SCOTIA EGG-LAYING CONTEST, NAPPAN

## TABLE SHOWING PRODUCTION COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1923-24

Pen Number	Scratch grain	Meal mixture	Meat feed	Green feed	Milk	Grit	Shell	Total cost	Eggs laid	Value	Gain	Feed cost per dozen
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	\$ c.	No.	\$ c.	\$ c.	cts.
1.....	586	225	51	148	15	24	50	22 61	1,462	51 15	28 54	18
2.....	629	271	54	153	15	24	48	24 99	1,868	66 64	41 65	16
3.....	605	196	45	153	15	16	45	21 56	1,646	58 79	37 23	15
5.....	643	204	64	153	15	24	52	24 18	1,936	67 66	43 48	14
6.....	653	251	64	153	15	35	53	25 57	1,992	70 84	45 27	15
7.....	655	254	49	153	15	18	40	24 28	2,020	71 53	47 25	14
8.....	656	204	51	153	15	31	49	23 79	2,076	72 58	48 79	13
9.....	659	243	55	153	15	20	53	24 73	1,970	68 33	43 60	15
10.....	467	203	36	153	15	10	28	17 78	1,953	68 56	50 78	10
11.....	648	240	50	153	15	20	41	24 07	1,602	55 52	31 45	18
12.....	638	265	60	153	15	29	56	25 27	1,605	56 09	30 82	18
13.....	648	215	49	153	15	23	50	23 34	1,213	41 18	17 84	23
14.....	578	290	27	153	15	15	40	21 74	1,758	62 02	40 28	14
15.....	564	187	42	153	15	12	38	20 27	2,124	73 84	53 57	11
16.....	557	172	29	153	15	15	33	18 83	1,206	42 62	23 79	18
17.....	595	213	56	153	15	18	40	22 49	1,454	51 52	29 03	18
18.....	605	189	55	153	15	22	41	22 47	1,327	46 11	23 64	20
19.....	601	184	57	153	15	18	37	21 95	2,083	72 89	50 94	12
20.....	620	240	57	153	15	14	38	23 57	2,372	83 60	60 03	11
21.....	553	250	38	153	15	12	31	20 85	1,704	63 86	43 01	14
Total.....	12,160	4,496	989	3,060	300	400	863	454 34	35,371	1,245 33	790 99	
Average per pen.	608	224	49	153	15	19	43	22 71	1,768	62 26	39 54	15.3



## NEW BRUNSWICK EGG-LAYING CONTEST—FREDERICTON

## LIST OF ENTRANTS

With individual and total production 1923-24

Pen	Owner and Address	Variety	Bird No.										Floor	Total
			1	2	3	4	5	6	7	8	9	10		
1	Mrs. F. McAlpine, Upper Hampstead.....	B.R....	200	142	139	191	124	97	163	168	162	120	9	1,515
2	Eugene Monahan, Elmsville.....	B.R....	187	143	166	165	212	*122	132	206	159	143	23	1,658
3	C. M. Peart, Lewisville.....	B.R....	156	207	*108	138	167	193	219	210	D125	*184	20	1,727
4	A. T. Reid, Rollingdam.....	B.R....	241	167	113	138	223	229	173	157	75	233	8	1,757
5	Harry Patterson, Hoyt.....	B.R....	206	215	196	191	153	235	253	259	231	230	21	2,190
6	Newton Jarvis, D. Devon.....	B.R....	30	170	176	140	145	140	177	9	175	188	69	1,419
7	N. W. Eveleigh, Sussex.....	B.R....	* 93	223	149	190	198	146	145	188	152	214	29	1,727
8	George Wood, Carter's Point.....	B.R....	233	162	176	174	198	150	161	198	187	204	17	1,860
9	W. E. B. Tait, Dorchester.....	B.R....	222	222	206	200	189	135	*119	248	222	232	9	2,004
10	John Woods, Bloomfield Sta.....	B.R....	153	216	146	*213	200	186	195	131	165	187	41	1,833
11	John Moore, Mouth Keswick.....	B.R....	187	188	168	234	*148	185	196	209	192	168	27	1,902
12	Alex. S. C. Stevens, Hoyt.....	B.R....	132	158	149	195	183	133	205	193	D 71	232	15	1,666
13	Donald Mersereau, Russiagornish.....	B.R....	128	D 71	150	146	69	D 28	153	118	151	208	11	1,233
14	W. C. Allison, Rothesay.....	B.R....	D139	135	183	137	193	156	177	139	165	180	18	1,622
15	Wm. Mitchell, Doaktown.....	B.R....	198	139	194	188	130	179	157	*166	129	200	27	1,707
16	Norton Valley P. Farm, Norton.....	W.L....	*123	108	167	216	*128	*128	179	129	D 11	215	50	1,493
17	Mt. Pleasant P. Yards, St. John.....	W.L....	136	8	110	*195	94	113	186	157	137	100	71	1,305
18	Experimental Station, Charlottetown, P.E.I.....	B.R....	220	104	D115	234	208	D 9	146	235	95	185	35	1,586
19	Experimental Station, Fredericton.....	B.R....	62	116	121	D 46	102	196	111	191	113	138	27	1,223
20	Experimental Station, Fredericton.....	B.R....	69	121	233	*143	*195	99	185	227	97	*170	40	1,579

\*—Production of more than one bird.

D—Dead but not substituted.

## NEW BRUNSWICK EGG-LAYING CONTEST, FREDERICTON

## TABLE SHOWING PRODUCTION COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1923-24

Pen Number	Scratch grain	Meal mixture	Green feed	Milk	Grit	Shell	Total cost	Eggs laid	Value	Gain	Feed cost per dozen
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	\$ c.	No.	\$ c.	\$ c.	cts.
1.....	535	418	296	859	24-0	42-0	25 53	1,515	45 53	20 00	25
2.....	507	496	296	859	26-0	42-5	26 77	1,658	54 71	27 94	19
3.....	550	568	296	859	29-0	39-0	29 28	1,727	55 45	26 17	20
4.....	530	548	296	859	28-0	42-5	28 53	1,757	58 85	30 32	19
5.....	551	587	296	859	33-5	45-5	30 56	2,190	72 38	41 82	16
6.....	500	457	296	859	33-5	40-0	25 70	1,449	42 88	17 18	21
7.....	545	546	296	859	25-0	44-0	28 80	1,727	55 36	26 56	20
8.....	571	455	296	859	26-0	41-5	26 22	1,860	57 40	31 18	16
9.....	553	524	296	859	26-0	48-0	28 50	2,004	64 91	36 41	17
10.....	529	551	296	859	24-0	33-5	28 33	1,833	58 47	30 14	18
11.....	517	633	296	859	29-0	17-5	30 25	1,902	60 62	30 37	19
12.....	526	462	296	859	26-0	40-0	26 31	1,666	50 88	24 57	18
13.....	500	427	296	859	22-0	37-5	24 89	1,233	37 33	12 44	24
14.....	577	494	296	859	23-0	42-0	27 45	1,622	52 22	24 74	20
15.....	512	588	296	859	21-0	37-0	28 82	1,707	58 59	29 77	20
16.....	463	353	296	859	16-0	29-5	22 08	1,493	48 18	26 10	22
17.....	404	536	296	859	22-0	31-5	25 07	1,305	40 54	15 47	23
18.....	523	453	296	859	23-5	36-5	26 10	1,586	49 47	23 37	19
19.....	495	435	296	859	26-0	38-5	25 00	1,223	41 31	16 31	24
20.....	524	480	296	859	24-5	37-5	26 62	1,579	51 43	24 81	20
Total.....	10,412	10,011	5,920	17,180	499-50	766-0	540 84	33,066	1,056 51	515 67	
Average per pen.....	520	500	296	859	24-9	38-3	27 04	1,650	52 82	25 78	19-5

# QUEBEC EASTERN EGG-LAYING CONTEST, STE. ANNE DE LA POCATIERE, QUE.

## LIST OF ENTRANTS

With individual and total production 1923-24

Pen	Owner and Address	Variety	Bird No.										Floor	Total
			1	2	3	4	5	6	7	8	9	10		
1	Institut Agricole d'Oka, La Trappe.	Ch.....	95	D103	*141	71	174	154	* 76	175	D 65	240	0	1,294
2	J. G. Liard, St. Alexie.	W.L.....	210	202	244	194	202	159	204	136	212	239	0	2,002
4	W. A. Carr, St. Agathe.	B.R.....	268	253	*106	208	212	213	145	164	191	136	0	1,896
5	Elie Jodin, Varennes.	B.R.....	* 77	140	*128	175	113	159	117	158	99	* 10	0	1,126
6	Roual Pettigrew, Isle Verte	B.R.....	133	89	90	*114	123	96	144	102	* 44	91	5	1,031
7	J. A. Proulx, Montmagny.	B.R.....	* 13	131	199	*120	119	73	146	145	155	118	5	1,224
8	Station Experimentale, La Ferme.	B.R.....	112	*169	156	D 74	146	158	182	28	*123	205	4	1,359
9	Station Experimentale, Ste. Anne.	B.R.....	218	159	84	117	174	175	174	96	* 79	93	2	1,371
10	Academie St. de La France, St. Jacques.	R.I.R....	221	138	* 47	*137	150	206	*114	143	121	136	3	1,416
11	Augustine Beaulieu, Grand Remou.	R.I.R....	114	122	* 96	123	* 91	188	97	119	*103	144	5	1,202
12	J. S. Blais, E. Broughton.	R.I.R....	128	148	69	102	72	178	76	* 40	134	115	2	1,064
13	Georges Bouchard, Ste. Anne.	R.I.R....	160	145	62	162	113	*120	127	140	89	143	2	1,263
14	Antoine De Roy, Princeville.	R.I.R....	D 57	137	220	174	104	*127	157	145	138	*150	3	1,412
15	Alexandre Fournier, Montmagny.	R.I.R....	127	106	160	143	161	173	* 41	153	133	106	3	1,306
16	Jos. C. Hebert, M.P., Montmagny.	R.I.R....	202	144	137	174	147	169	212	155	211	*195	4	1,752
17	Chas. E. Paquet, Pont Rouge.	R.I.R....	146	139	229	201	116	144	*124	141	185	191	2	1,618
18	Station Experimentale, Ste. Anne.	R.I.R....	78	* 49	120	63	166	159	160	102	128	107	5	1,137

\*—Production of more than one bird.

D—Dead but not substituted.

# QUEBEC EASTERN EGG-LAYING CONTEST, STE. ANNE DE LA POCATIERE

## TABLE SHOWING PRODUCTION COSTS

Feed with cost, eggs and value, and cost per dozen in 1923-24

Pen number	Scratch grain	Meal mixture	Meat feed	Green feed	Milk feed	Grit	Shell	Char-coal	Total cost	Eggs laid	Value	Gain	Feed cost per doz.
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	\$	No.	\$	\$	c.
1	671	239	52.0	175	150	7.5	26.0	26	20 10	1,294	41 63	21 53	18
2	665	238	54.0	175	150	4.0	56.0	26	20 08	2,002	59 63	39 55	12
4	730	254	51.5	175	150	6.0	46.0	26	21 64	1,896	67 77	46 13	13
5	630	226	54.0	175	150	5.0	50.5	23	19 73	1,123	41 03	21 30	21
6	630	235	51.0	175	150	11.5	54.0	24	19 71	1,031	29 69	9 98	22
7	625	235	60.0	175	150	17.5	37.0	23	20 25	1,224	39 26	19 01	19
8	660	236	56.0	175	150	11.5	44.0	23	20 13	1,359	46 57	23 44	17
9	675	219	36.0	175	150	4.0	32.0	23	18 90	1,371	48 57	29 67	11
10	680	294	44.25	175	150	10.0	51.5	23	21 26	1,416	51 69	30 43	18
11	695	233	33.0	175	150	7.5	28.0	24	19 23	1,202	40 20	20 97	20
12	640	219	52.0	175	150	5.0	24.0	24	18 31	1,064	36 76	18 45	20
13	665	231	27.0	175	150	13.0	42.0	26	18 71	1,263	41 11	22 40	17
14	665	261	51.5	175	150	10.0	41.0	26	20 58	1,412	47 50	26 92	17
15	655	225	24.5	175	150	8.5	63.0	26	18 40	1,306	41 56	23 16	16
16	695	247	31.0	175	150	8.0	50.0	26	19 65	1,752	62 49	42 84	13
17	715	295	88.0	175	150	20.0	70.0	26	23 92	1,618	52 30	28 38	17
18	650	295	18.0	175	150	11.0	42.5	26	19 40	1,137	48 38	23 98	20
Total.....	11,346	4,182	783.75	2,975	2,550	160.0	757.5	436	340 00	23,473	791 14	451 14	
Average per pen....	661	246	46.1	175	150	9.4	44.5	25.6	20 00	1,380	46 53	26	5317.2



## QUEBEC WESTERN EGG-LAYING CONTEST, LENNOXVILLE, QUE.

## LIST OF ENTRANTS

With individual and total production 1923-24

Pen	Owner and Address	Variety	Bird No.										Floor	Total
			1	2	3	4	5	6	7	8	9	10		
1	Laurel Poultry Farm, Rougemont.....	W.L....	226	183	253	216	189	149	237	194	128	147	2	1,927
2	Jos. Williams, Sawyerville.....	W.L....	210	175	87	155	198	212	75	182	190	180	4	1,668
3	H. S. Beane, Beebe.....	W.L....	214	164	162	191	199	166	197	D85	147	*120	7	1,652
4	Elmhurst P. Farm, Montreal.....	W.L....	141	149	148	98	132	*108	197	153	164	183	8	1,481
5	Dr. John Watson, Howick.....	W.L....	*190	117	221	168	194	176	119	182	103	68	16	1,554
6	E. G. White, Lennoxville.....	W.W....	157	201	164	200	132	104	D91	139	*101	166	5	1,460
7	H. S. Beane, Beebe.....	W.W....	171	181	195	117	165	154	174	173	118	D129	48	1,625
8	Bond Little, North Hatley.....	W.W....	196	233	176	179	D137	170	173	199	173	D142	17	1,795
9	Fred Bell, Ayer's Cliff.....	W.W....	191	75	141	135	155	133	98	173	210	131	12	1,454
10	Miss R. G. Knight, Beebe.....	W.W....	162	152	151	193	182	141	155	181	174	144	21	1,656
11	Chas. Ruiter & Son, Cowansville.....	S.W....	164	102	D112	130	121	143	130	127	118	32	27	1,206
13	Fred Bell, Ayer's Cliff.....	R.I.R....	84	198	167	136	140	175	124	162	162	176	11	1,535
14	Laurel P. Farm, Rougemont.....	B.R....	*76	108	*165	128	D137	155	144	158	160	167	8	1,406
15	Experimental Station, Lennoxville.....	B.R....	197	226	85	210	200	153	*93	166	171	204	7	1,712
16	Experimental Station, Lennoxville.....	B.R....	225	177	209	204	172	167	237	166	197	149	16	1,919
17	A. P. Hillhouse, Foster.....	B.R....	230	124	156	148	183	102	202	150	122	125	17	1,559
18	Dr. Stockwell, H. P. Stanstead.....	B.R....	106	109	58	85	*80	D42	130	0	*118	104	8	840
19	Wm. C. Strong, West Brome.....	B.R....	133	164	156	122	110	D33	131	150	166	64	7	1,236
20	H. R. Drew, North Hatley.....	B.R....	*79	137	149	184	203	219	200	117	225	152	10	1,675

\* Substituted.

D Dead but not substituted.

## QUEBEC WESTERN EGG-LAYING CONTEST, LENNOXVILLE, QUE.

## TABLE SHOWING PRODUCTION COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1923-24

Pen number	Scratch grain	Meal mixture	Meat feed	Green feed	Grit	Shell	Total cost	Eggs laid	Value	Gain	Feed cost per dozen
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	\$	No.	\$	\$	c.
1.....	395.0	408.5	34.0	364	16	40	21 01	1,927	66 32	45 31	13
2.....	372.5	332.5	66.5	364	3	35	20 44	1,668	55 19	34 75	14
3.....	368.5	456.5	59.5	364	12	41	23 33	1,652	52 30	98 87	16
4.....	366.0	429.0	54.5	364	8	31	22 03	1,481	48 53	26 50	17
5.....	367.0	418.5	36.0	364	18	40	20 95	1,554	50 97	30 02	15
6.....	391.5	437.0	58.0	364	26	38	23 35	1,460	56 98	33 63	19
7.....	390.0	387.0	52.5	364	22	36	21 58	1,625	55 20	33 62	15
8.....	384.0	468.5	38.0	364	8	43	22 27	1,795	61 71	39 44	14
9.....	397.5	400.5	50.5	364	12	32	21 48	1,454	48 16	26 68	17
10.....	391.0	516.0	48.0	364	18	44	24 52	1,656	56 77	32 25	17
11.....	397.0	389.0	52.0	364	12	34	21 76	1,206	38 93	17 17	21
13.....	391.0	529.0	59.5	364	15	56	25 07	1,535	47 35	22 28	19
14.....	389.0	316.0	66.0	364	15	42	20 63	1,406	48 96	28 33	17
15.....	384.0	450.5	89.5	364	10	39	25 03	1,712	56 04	31 01	17
16.....	383.5	429.5	99.5	364	17	49	25 24	1,919	63 80	38 56	15
17.....	385.5	404.0	70.5	364	19	36	22 94	1,559	53 45	30 51	17
18.....	377.0	480.5	33.0	364	12	38	22 35	840	25 95	3 60	31
19.....	382.0	365.5	56.5	364	16	40	21 06	1,236	40 29	19 23	20
20.....	495.0	408.5	83.0	364	18	49	24 44	1,675	55 13	30 69	17
Total.....	7,407.0	8,016.5	1,107.0	6,916	277	763	429 48	29,360	982 93	553 45	
Average per pen.....	38.95	421.9	58.2	364.0	14.5	40.1	22 60	1,545	51 73	29 12	17.5

## ONTARIO EGG-LAYING CONTEST—OTTAWA

## LIST OF ENTRANTS

With individual and total production 1923-24

Pen	Owner and Address	Variety	Bird No.										Floor	Total
			1	2	3	4	5	6	7	8	9	10		
1	J. R. Stork, St. Catharines, Ont.	B.R....	D97	133	127	*75	D102	D116	D87	163	196	141	14	1,251
3	Chas. Hoffman, Platts-ville, Ont.	B.R....	179	D153	D59	136	*200	184	179	188	69	98	11	1,456
4	Nor. Spec. Farm, St. Williams, Ont.	B.R....	169	193	D5	87	*170	*195	85	174	228	*36	19	1,361
5	Nor. Spec. Farm, St. Williams, Ont.	B.R....	261	1	230	228	211	106	*238	255	240	*138	8	1,916
6	D. W. Evans, Newmarket, Ont.	B.R....	197	149	167	220	103	160	174	108	158	250	12	1,698
7	J. H. Thompson, Port Dover, Ont.	B.R....	239	206	175	152	216	220	158	180	167	D184	12	1,909
8	G. E. Hall, Trafalgar, Ont.	B.R....	170	127	196	30	165	203	210	125	*179	*157	8	1,570
9	W. J. Johnston, Meaford, Ont.	B.R....	229	177	198	147	*108	190	226	244	237	218	10	1,984
10	Culp's P. Farm, Berkeley, Ont.	B.R....	214	120	181	161	112	222	195	154	121	221	15	1,716
11	H. G. Michell, Claremont, Ont.	B.R....	201	159	161	250	179	*172	151	268	*135	79	5	1,760
12	J. E. Bergey, Beamsville, Ont.	B.R....	228	187	214	16	*179	152	57	181	*228	128	20	1,590
13	G. A. Douglas, Iderton, Ont.	B.R....	174	212	171	154	187	176	148	192	*210	209	17	1,850
14	H. Simpson, Leamington, Ont.	W.R....	80	161	174	186	188	158	*101	98	75	223	41	1,485
15	J. C. Mercer, Markdale, Ont.	W.W....	80	121	64	154	147	46	161	*131	114	D78	23	1,119
16	A. D. Fleming, Beamsville, Ont.	S.C. R.I.R.	D77	*171	146	210	*119	D119	*94	161	166	129	21	1,423
17	N. H. Gampp, New Hamburg, Ont.	S.C.A..	191	105	104	127	174	*154	150	164	197	163	29	1,558
18	J. W. Clark, Cainsville, Ont.	B.R....	223	*232	*223	162	180	95	240	202	70	188	19	1,834
19	Thos. G. Delamere, Stratford, Ont.	W.L....	196	263	232	275	245	153	228	238	224	225	2	2,281
20	Alex. McLean, Gananoque, Ont.	W.L....	237	197	207	*253	209	186	210	*205	209	235	10	2,158
21	Dr. I. H. Ante, Richmond Hill, Ont.	W.L....	178	183	179	D86	D62	156	149	D51	74	D66	16	1,200
22	Ottawa East P. Yards, Ottawa, Ont.	W.L....	D32	190	90	*48	149	222	192	184	228	229	25	1,589
23	H. G. Hebel, Bridgeport, Ont.	W.L....	D79	D66	170	D51	D125	D54	58	182	D11	*111	18	925
24	C. H. Miller, Eganville, Ont.	W.L....	146	167	132	127	166	104	153	170	150	152	13	1,480
25	Credit Vale Farm, Streetsville, Ont.	W.L....	D184	172	D0	220	223	127	D125	156	*142	209	7	1,565
26	G. S. Dundas, Markdale, Ont.	W.L....	127	203	201	237	204	189	*207	126	238	164	6	1,902
27	J. C. Mercer, Markdale, Ont.	W.L....	*177	D108	168	138	143	192	114	D140	D79	*87	7	1,35
28	J. H. Dundas, Markdale, Ont.	W.L....	*120	D101	*130	*212	*23	230	*146	D72	148	88	16	1,286
29	Nor. Spec. Farm, St. Williams, Ont.	W.L....	175	253	147	187	148	249	195	*145	D12	236	15	1,762
30	Nor. Spec. Farm, St. Williams, Ont.	W.L....	151	229	*88	192	236	141	110	D125	216	210	17	1,715
31	Bramley Bros., Oshawa, Ont.	W.L....	200	221	194	199	181	228	175	183	171	140	9	1,901
32	W. J. Richardson, Caledonia, Ont.	W.L....	101	D136	160	133	107	188	102	176	122	*221	13	1,459
33	Walter Klem, Bridgeport, Ont.	W.L....	117	128	D9	200	D153	157	59	114	*135	150	5	1,227
34	C. H. Guest, Billings Bridge, Ont.	W.L....	*170	193	217	244	166	189	180	*270	151	186	23	1,989
35	Robert Meharey, Russell, Ont.	W.L....	*198	220	186	244	196	78	197	200	181	182	6	1,888
26	Hope P. Farm, Billings Bridge, Ont.	W.L....	206	173	205	222	181	229	89	176	149	144	5	1,779
37	G. A. Wood, Peterboro, Ont.	W.L....	229	227	223	259	206	*159	218	*218	*112	255	10	2,116
38	C. J. Andrews, Woodstock, Ont.	W.L....	183	230	154	*188	141	149	124	150	147	163	22	1,651
39	F. R. Francis, Billings Bridge, Ont.	W.L....	193	163	*207	235	182	189	D189	*129	*182	216	20	1,905
40	C. M. Goddard, Britannia Heights.	W.L....	237	192	D127	151	222	201	155	*106	162	166	15	1,734

\*—Production of more than one bird.

D—Dead but not substituted.



## ONTARIO EGG-LAYING CONTEST, OTTAWA.

## TABLE SHOWING PRODUCTION COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1923-24

Pen Number	Scratch grain	Meal mixture	Meat feed	Green feed	Milk	Grit	Shell	Total cost	Eggs laid	Value	Gain	Feed cost per dozen
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	\$	No.	\$	\$	cts.
1.....	558	232.0	50.0	448	650	28.0	51.0	22 44	1,251	50 05	27 61	21.4
3.....	575	204.0	44.0	448	650	23.5	39.0	21 82	1,456	60 62	38 80	17.8
4.....	564	211.5	43.0	448	650	30.5	39.0	21 75	1,361	60 03	38 28	19.08
5.....	570	173.5	34.0	448	650	26.5	42.0	20 66	1,916	81 38	60 72	12.8
6.....	576	210.5	46.0	448	650	44.0	48.0	22 33	1,698	72 05	49 72	15.7
7.....	571	229.0	43.0	448	650	40.0	40.0	22 33	1,909	75 67	53 34	13.9
8.....	570	182.5	32.0	448	650	29.5	45.0	20 80	1,570	60 10	39 30	15.9
9.....	571	216.0	48.0	448	650	74.0	58.5	21 78	1,984	80 83	59 05	13.08
10.....	563	244.5	30.0	448	650	43.5	44.0	22 00	1,716	68 55	46 55	15.3
11.....	570	230.5	28.0	448	650	41.5	49.0	21 70	1,760	73 87	52 17	14.7
12.....	589	192.5	44.0	448	650	52.0	63.0	22 35	1,590	69.47	47 12	16.8
13.....	579	246.0	28.0	448	650	46.0	46.5	22 20	1,850	77 34	55 14	14.4
14.....	649	208.0	42.0	448	650	58.5	60.0	23 83	1,485	60 87	37 04	19.2
15.....	556	166.5	32.0	448	650	26.5	51.5	20 22	1,119	43 75	23 53	21.6
16.....	567	237.0	48.0	448	650	13.0	42.0	22 45	1,423	57 94	35 49	18.8
17.....	514	158.0	20.0	448	650	11.5	36.0	18 32	1,558	64 47	46 15	14.04
18.....	512	246.0	34.0	448	650	55.0	68.0	21 40	1,834	76 46	55 06	13.3
19.....	521	218.0	30.0	448	650	23.5	45.5	20 34	2,281	97 44	77 10	13.4
20.....	515	272.5	38.0	448	650	47.5	55.0	22 11	2,158	86 00	63 89	12.2
21.....	430	133.0	46.0	448	650	28.0	37.5	17 50	1,200	49 62	32 12	17.2
22.....	500	200.0	44.0	448	650	47.5	36.0	20 35	1,589	65 50	45 15	15.3
23.....	411	135.5	30.0	448	650	30.0	33.5	16 33	925	38 83	22 50	21.1
24.....	486	152.5	21.0	448	650	32.5	41.5	17 89	1,480	55 30	37 41	14.4
25.....	429	182.5	36.0	448	650	31.0	44.5	18 07	1,565	64 22	46 15	13.8
26.....	474	225.0	21.5	448	650	44.5	61.0	19 41	1,902	75 43	56 02	12.2
27.....	440	198.5	30.0	448	650	30.0	66.0	18 53	1,353	58 04	39 51	16.4
28.....	464	189.5	14.0	448	650	12.0	33.0	17 58	1,286	57 02	39 44	16.3
29.....	476	193.0	26.0	448	650	34.0	43.0	18 80	1,762	73 26	54 46	12.7
30.....	492	191.0	28.0	448	650	19.5	43.0	19 05	1,715	68 53	49 48	13.3
31.....	489	273.0	46.0	448	650	85.5	66.0	22 29	1,901	75.63	53 34	14.04
32.....	498	207.5	42.0	448	650	52.0	41.0	20 43	1,459	60 09	39 66	16.8
33.....	469	163.0	25.0	448	650	38.0	34.0	17 93	1,227	53 97	36 04	17.5
34.....	504	218.0	32.0	448	650	45.5	42.0	20 24	1,989	84 35	64 11	12.1
35.....	476	176.0	32.0	448	650	67.0	60.0	19 18	1,888	79 63	60 45	12.1
36.....	506	184.0	27.0	448	650	26.5	42.0	19 19	1,779	71 88	52 69	12.8
37.....	496	273.5	26.0	448	650	60.5	63.5	21 21	2,116	87 70	66 49	12.0
38.....	491	242.0	22.0	448	650	38.0	44.5	19 92	1,651	61 99	42 07	14.4
39.....	470	238.5	30.0	448	650	38.0	37.0	19 73	1,905	79 72	59 99	12.3
40.....	520	210.5	32.0	448	650	42.0	39.0	20 36	1,734	71 16	50 80	14.04
Total.....	20,209	8,065	1,334.5	17,474	25,350	1,516.5	1,831.0	794 82	64,345	2,648 76	1,853.94	
Average per pen	518	206.0	34.2	448	650	38.8	46.9	20 38	1,649	67 95	47 53	14.7

## MANITOBA EGG-LAYING CONTEST—BRANDON

## LIST OF ENTRANTS

With individual and total production 1923-24

Pen	Owner and Address	Variety	Bird No.										Floor	Total
			1	2	3	4	5	6	7	8	9	10		
1	Wm. Gregg, Desford.....	S.C.A.	130	*152	121	167	172	162	145	138	128	87	21	1,424
2	Geo. A. Frane, Winnipeg.	S.C.A.	217	162	211	196	238	149	269	194	121	207	8	1,972
3	Jos. McQuoid, Winnipeg.	W.L.	102	141	226	172	D 61	174	103	173	127	139	5	1,423
4	W. R. Barker, Deloraine...	B.R.	188	182	195	209	238	210	195	202	218	135	10	1,982
5	W. Beaumont, Cordova...	B.R.	163	208	169	128	210	186	171	206	158	161	14	1,774
6	W. J. Currie, Brandon.....	B.R.	198	179	199	*203	191	D 217	158	179	216	206	6	1,952
7	W. C. Brethour, Miami....	B.R.	*136	187	234	210	223	221	149	273	146	110	27	1,916
8	Mrs. A. Cooper, Tressbank	B.R.	210	*160	146	174	127	D 133	D 113	143	87	*132	18	1,443
9	Mrs. R. J. McNabb, Morden	B.R.	220	223	225	255	209	212	252	*226	*282	207	12	2,323
10	Mrs. N. McNaughton, Morden	B.R.	237	182	229	108	189	*58	209	211	188	178	32	1,821
11	R. J. Russell, Morris.....	B.R.	143	169	120	148	*132	154	166	136	*175	137	30	1,510
12	C. W. Wallis, Elmwood....	B.R.	*179	234	203	120	173	17	248	199	238	226	12	1,852
13	W. J. Witter, Cordova.....	B.R.	*187	187	175	196	232	198	107	217	158	143	28	1,828
14	John Strachan, Pope.....	B.R.	148	110	141	166	155	157	160	142	D 85	133	13	1,411
15	John Strachan, Pope.....	W.R.	*131	120	D 95	171	132	88	128	164	89	133	19	1,270
16	W. J. Robinson, St. James	W.W.	143	139	178	157	129	121	137	*115	120	140	21	1,400
17	Mrs. A. B. Hart, Gladstone	W.W.	189	233	134	114	D 95	230	134	D 142	182	144	25	1,622
18	C. W. Wallis, Elmwood....	W.O.	145	259	D 128	*176	129	130	182	123	181	181	28	1,662
19	Parrot Poultry Farm, Neepawa	B.O.	83	85	148	89	114	155	152	117	149	114	28	1,234
20	Dom. Exp. Station, Morden	R.I.R.	*92	208	*179	197	160	118	163	151	196	207	17	1,688
21	Man. Agri. College, Winnipeg	W.L.	158	137	179	203	50	D 131	141	D 100	109	106	11	1,325
22	Dom. Exp. Farm, Brandon	W.W.	85	142	*111	66	160	135	186	188	189	165	23	1,450
23	Dom. Exp. Farm, Morden	B.R.	187	198	192	166	231	158	154	153	*212	264	11	1,926
24	Man. Agri. College, Winnipeg	B.R.	78	*153	204	D 157	44	164	D 42	180	*95	224	26	1,367
25	Dom. Exp. Farm, Brandon	B.R.	249	169	165	165	185	141	251	189	194	264	15	1,996
26	Dom. Exp. Farm, Brandon	B.R.	152	193	200	154	189	*141	176	217	176	206	24	1,828

\*—Production of more than one bird.

D—Dead but not substituted.

## MANITOBA EGG-LAYING CONTEST, BRANDON.

## TABLE SHOWING PRODUCTION COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1923-24

Pen Number	Scratch grain	Meal mixture	Green feed	Milk	Grit	Shell	Total cost	Eggs laid	Value	Gain	Feed cost per dozen
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	\$	No.	\$	\$	cts.
1.....	416	359	32	1,419	12.5	37.5	16 62	1,423	35 33	18 71	12
2.....	441	454	34	1,545	23.0	39.5	18 47	1,972	63 70	45 23	11
3.....	333	495	33	1,390	20.0	35.0	17 24	1,423	40 59	23 35	14
4.....	486	549	33	1,675	14.0	31.5	20 93	1,982	61 38	40 45	12
5.....	539	413	33	1,544	24.0	40.0	19 61	1,774	44 37	24 76	12
6.....	557	511	33	1,565	19.0	35.0	21 39	1,952	57 68	36 29	12
7.....	491	549	33	1,590	18.0	39.5	20 99	1,916	60 41	39 42	12
8.....	399	483	33	1,465	23.0	39.0	18 38	1,443	40 40	22 02	14
9.....	553	481	33	1,665	19.0	45.0	21 07	2,323	71 59	50 52	11
10.....	480	525	33	1,570	25.5	38.0	20 56	1,821	57 72	37 16	13
11.....	489	535	33	1,570	29.0	42.0	20 89	1,510	43 84	22 95	16
12.....	500	455	33	1,565	20.0	37.5	19 38	1,852	60 71	41 33	12
13.....	509	490	33	1,515	23.0	34.0	20 13	1,828	47 65	27 52	12
14.....	484	415	33	1,475	23.5	34.5	19 10	1,411	40 78	21 68	15
15.....	500	444	33	1,495	23.0	39.0	19 37	1,270	31 76	12 39	18
16.....	442	490	33	1,410	23.0	31.0	18 88	1,400	34 72	15 84	15
17.....	496	374	33	1,515	28.0	43.0	18 21	1,622	49 89	31 68	13
18.....	566	518	33	1,670	22.0	25.5	21 54	1,662	56 93	35 39	14
19.....	415	495	33	1,485	13.0	35.0	19 02	1,234	30 44	11 42	18
20.....	501	527	33	1,610	21.0	37.0	20 87	1,688	47 67	26 80	14
21.....	379	402	33	1,350	17.0	23.0	16 17	1,325	35 17	19 00	14
22.....	427	439	33	1,455	11.0	28.0	17 73	1,450	49 24	31 51	14
23.....	465	521	33	1,570	17.0	40.0	19 56	1,926	56 83	37 27	12
24.....	402	360	33	1,470	13.0	26.0	16 37	1,367	44 06	27 69	12
25.....	497	461	33	1,585	15.0	33.0	19 64	1,996	67 64	48 00	11
26.....	460	440	33	1,580	14.5	35.0	18 71	1,828	57 06	38 35	12
Total.....	12,227	12,185	858	39,748	511.0	923.5	500 83	43,398	1,287 56	786 73	
Average per pen.....	470	468	33	1,528	19.6	35.5	19 26	1,669	49 52	30 25	13.8



## SASKATCHEWAN EGG-LAYING CONTEST—INDIAN HEAD

## LIST OF ENTRANTS

With individual and total production 1923-24

Pen	Owner and Address	Variety	Bird No.										Floor	Total
			1	2	3	4	5	6	7	8	9	10		
1	Henry Barton, Davidson..	B.R....	100	84	110	141	136	65	137	143	85	111	11	1,123
2	A. M. Dykes, Lethbridge..	B.R....	175	177	211	104	*133	149	237	-42	174	173	26	1,801
3	H. Jones, Blaine Lake....	B.R....	167	144	112	15	D96	91	159	164	89	146	13	1,196
4	D. J. McIntosh, Swift Current.....	B.R....	105	91	106	206	22	D 37	192	17	103	113	77	1,069
5	W. J. White, Saskatoon....	B.R....	160	*91	176	144	D 44	200	131	D 133	D 153	138	21	1,391
6	E. Barnett, Raddison....	W.W....	125	127	142	134	63	111	85	74	95	118	19	1,093
7	F. Finch, Lanigan.....	W.W....	86	146	109	100	41	100	121	204	67	103	22	1,099
8	G. W. Fraser, Grayburn....	W.W....	93	50	116	78	133	64	84	76	32	30	15	771
10	Miller Bros., Bladsworth..	W.W....	169	88	149	*93	191	112	50	113	51	77	54	1,147
11	Mrs. Wm. Hanson, Tessier..	R.I.R....	90	134	104	124	118	101	154	134	95	*146	60	1,260
12	Frank Holmes, Saskatoon..	R.I.R....	92	116	148	72	60	113	90	112	99	*27	41	970
13	W. A. Aitken, Drinkwater..	W.R....	94	125	94	66	124	109	137	115	82	137	19	1,102
14	L. M. More, Colgate.....	W.R....	D 84	133	96	52	58	92	129	98	104	*6	11	933
15	W. A. Aitken, Drinkwater..	S.C.B.A.	D 67	126	101	*126	138	112	44	181	*11	127	77	1,110
16	J. Powell, Saskatoon....	W.L....	99	50	D 36	D 13	80	70	D 2	D 9	116	98	15	588
18	R. J. Thompson, Alameda..	S.C.B. L.....	33	30	23	42	102	72	56	37	61	89	14	559
19	P. G. Fisher, Regina.....	W.L....	164	119	130	*43	109	125	84	139	76	86	16	1,091
20	Experimental Farm Indian Head.....	W.W....	212	135	227	156	170	221	188	195	190	116	27	1,837
21	Experimental Farm, Indian Head.....	W.W....	148	101	D 109	107	107	80	162	D 37	70	134	18	1,073
22	Experimental Farm, Indian Head.....	W.W....	120	150	172	109	69	87	101	75	D 16	86	12	997
23	Experimental Farm, Indian Head.....	W.W....	123	118	101	120	102	122	D 54	111	101	118	41	1,111
24	Experimental Farm, Indian Head.....	W.W....	114	91	130	175	140	126	120	129	130	143	18	1,316
25	Experimental Farm, Indian Head.....	W.W....	142	102	99	179	145	20	120	157	133	106	66	1,249

\*—Production of more than one bird.

D—Dead but not substituted.

## SASKATCHEWAN EGG-LAYING CONTEST, INDIAN HEAD

## TABLE SHOWING PRODUCTION COSTS

Feed with cost, eggs and value, gain and cost per dozen 1923-24

Pen Number	Scratch grain	Meal mixture	Meat feed	Green feed	Grit	Shell	Char- coal	Total cost	Eggs laid	Value	Gain	Feed cost per dozen
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	\$ c.	No.	\$ c.	\$ c.	cts.
1.....	323	266	12	17	10-5	15-0	5	10 71	1,123	23 82	13 11	11
2.....	337	298	12	17	12-5	20-0	5	11 65	1,801	47 76	36 11	8
3.....	326	271	12	17	14-5	13-0	5	10 87	1,196	26 00	15 13	11
4.....	338	274	12	17	11-5	13-0	5	11 08	1,069	25 08	14 00	12
5.....	335	303	12	17	14-0	17-0	5	11 70	1,391	33 48	21 78	10
6.....	344	266	12	17	11-5	13-0	5	10 98	1,093	24 44	13 46	12
7.....	339	287	12	17	13-0	13-0	5	11 36	1,099	25 26	13 90	12
8.....	324	281	12	17	11-5	13-0	5	10 99	771	16 33	5 34	17
10.....	340	291	12	17	12-5	15-5	5	11 48	1,147	28 17	16 69	12
11.....	337	299	12	17	11-5	13-5	5	11 71	1,260	28 68	16 97	12
12.....	341	298	12	17	12-0	12-5	5	11 60	970	20 48	8 88	14
13.....	333	316	12	17	14-5	17-5	5	11 55	1,102	22 90	11 35	14
14.....	338	299	12	17	12-0	14-5	5	11 50	933	19 47	7 97	13
15.....	308	264	12	17	14-0	16-5	5	10 52	1,110	24 80	14 28	14
16.....	281	231	12	17	13-0	13-0	5	9 45	588	12 70	3 25	19
17.....	304	255	12	17	13-0	12-0	5	10 21	559	11 83	1 62	22
19.....	315	248	12	17	13-0	14-0	5	10 26	1,091	23 83	13 57	11
20.....	344	334	12	17	14-5	17-5	5	12 47	1,837	49 09	36 62	8
21.....	351	302	12	17	14-5	17-0	5	11 92	1,073	26 19	14 27	13
22.....	355	306	12	17	13-5	16-0	5	12 01	997	22 34	10 33	14
23.....	339	298	12	17	13-5	17-0	5	11 64	1,111	25 48	13 84	13
24.....	341	315	12	17	14-5	17-0	5	12 02	1,316	31 14	19 12	11
25.....	332	323	12	17	11-5	15-5	5	11 99	1,249	28 94	16 95	12
Total.....	7,625	6,625	276	391	296-50	346-0	115	259 67	25,886	598 21	338 54	
Average per pen.	331	288	12	17	12-8	15-0	5	11 29	1,125	26 00	14 71	12

## ALBERTA EGG-LAYING CONTEST—LETHBRIDGE

## LIST OF ENTRANTS

With individual and total production 1923-24

Pen	Owner and Address	Variety	Bird No.										Floor	Total
			1	2	3	4	5	6	7	8	9	10		
1	G. W. Menzies, Provost....	W.L....	159	30	147	170	147	56	166	170	176	167	1	1,389
2	W. B. McLane, Lethbridge	W.L....	185	181	D127	162	191	D 80	D131	D 93	D 43	152	2	1,347
3	Pioneer Poultry Farm, Medicine Hat.....	W.L....	226	207	223	222	175	214	200	179	231	225	4	2,106
4	Winter Egg P. Farm, Leth- bridge.....	W.L....	303	222	281	223	*182	216	225	232	170	274	3	2,331
5	E. R. Nicholls, Big Valley	W.L....	195	193	148	222	200	201	232	180	217	205	3	1,996
6	Cloverlea Stock Farm, Edmonton.....	W.L....	267	157	291	176	180	252	229	181	D119	212	3	2,069
7	Mrs. J. W. Cookson, To- field.....	W.L....	164	143	217	188	301	195	255	*183	197	193	2	2,038
8	Round T. Ranch, High River.....	R.C.W. L..... S.C.B.	207	182	265	157	179	*156	170	180	187	231	1	1,915
10	R. A. Meeks, Manville....	L.....	132	144	114	113	174	25	134	127	D 33	91	0	1,087
12	W. A. Fraser, Medicine Hat	B.R....	260	236	196	224	237	204	237	241	261	218	3	2,317
13	B. Redding, Retlaw.....	B.R....	196	159	173	177	171	164	148	190	182	211	4	1,775
14	H. G. L. Strange, Fenn....	B.R....	167	204	239	208	251	214	*203	224	182	*144	0	2,036
15	D. G. McCrae, Lethbridge	B.R....	99	168	205	90	157	200	115	131	200	66	1	1,382
16	E. J. Forner, Medicine Hat	B.R....	202	D 85	90	157	51	D 0	55	38	26	13	0	717
17	H. Higginbotham, Calgary	B.R....	216	85	242	139	168	171	259	D120	*103	236	0	1,739
18	V. A. Coleman, Lethbridge	B.R....	210	180	130	210	216	181	192	214	133	257	3	1,926
19	F. Edwards, Edmonton....	B.R....	202	237	221	253	147	245	227	278	*170	205	1	2,186
20	M. Bolinger, Gleichen....	B.R....	179	219	158	216	147	240	117	65	157	188	3	1,689
21	Cloverlea Stock Farm, Edmonton.....	B.R....	224	253	228	122	190	D 80	250	126	173	188	0	1,834
22	T. G. Kinvig, Medicine Hat.....	P.R....	83	184	130	110	223	152	105	139	132	179	1	1,438
23	E. Farquharson, Provost...	W.W....	226	164	108	257	139	120	135	*138	179	201	2	1,669
24	Dept. of Agriculture, Ed- monton.....	W.W....	*203	149	274	187	D 32	*154	208	168	235	*176	4	1,790
25	A. W. Fiske, Provost.....	W.W....	174	123	96	167	176	116	71	80	158	47	6	1,217
26	Gould Bros., Vegreville...	W.W....	241	3	259	D 26	114	140	174	123	165	230	1	1,476
27	P. C. Litster, Vegreville...	W.W....	204	180	194	208	D 99	184	243	219	238	125	4	1,898
28	Experimental Farm, Leth- bridge.....	B.R....	244	130	216	248	260	252	234	262	162	264	2	2,274
29	Experimental Farm, Leth- bridge.....	B.R....	221	213	252	217	276	253	226	268	248	305	3	2,482

\*—Production of more than one bird.

D—Dead but not substituted.



## ALBERTA EGG-LAYING CONTEST, LETHBRIDGE

## TABLE SHOWING PRODUCTION COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1923-24

Pen Number	Scratch grain	Meal mixture	Meat feed	Green feed	Milk	Grit	Shell	Char-coal	Total cost	Eggs laid	Value	Gain	Feed cost per dozen
	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	\$ c.	No.	\$ c.	\$ c.	cts.
1.....	390	411	13-75	73	13	48-0	16-25	3-5	14 88	1,389	35 66	20 78	12
2.....	357	376	12-25	73	13	3-75	15-0	4-5	13 57	1,347	39 21	25 64	12
3.....	399	438	20-75	73	13	8-0	23-5	7-0	16 07	2,106	58 90	42 83	12
4.....	398	425	23-25	73	13	9-0	25-0	6-75	15 95	2,331	72 03	56 08	8
5.....	402	433	21-5	73	13	6-25	22-75	6-25	15 97	1,996	52 90	36 93	9
6.....	433	463	28-0	73	13	9-0	26-0	7-5	17 37	2,069	61 64	44 27	9
7.....	409	437	22-5	73	13	6-5	25-5	6-75	16 24	3,038	56 32	40 08	10
8.....	391	415	22-25	73	13	5-0	22-0	6-25	15 54	1,915	60 01	44 47	10
10.....	329	346	12-0	73	13	1-0	12-0	3-25	12 56	1,087	25 52	12 96	14
12.....	453	493	29 25	73	13	11-25	28-0	9-0	18 34	2,317	70 33	51 99	9
13.....	439	463	25 25	73	13	8-5	25 25	8-25	17 39	1,775	48 03	30 64	12
14.....	446	472	26-5	73	13	9-0	26 75	9-25	17 71	2,036	61 34	43 63	11
15.....	429	439	22-5	73	13	6-0	21-25	5-5	16 50	1,382	39 51	23 01	14
16.....	353	360	14-5	73	13	2-75	13-5	3-0	13 32	717	22 52	9 20	24
17.....	427	460	22-75	73	13	9-0	24-0	6-5	16-99	1,739	51 57	34 58	12
18.....	443	478	26-5	73	13	10-0	24-0	6-5	17-62	1,926	55 87	38 25	11
19.....	463	495	30-0	73	13	9-5	28-75	8-75	18 57	2,186	64 52	45 95	10
20.....	430	455	23-5	73	13	6-5	23-0	8-5	16 99	1,689	52 24	35 25	12
21.....	424	454	24-0	73	13	7-5	23-25	6-5	16 80	1,834	54 81	38 01	11
22.....	397	409	17-25	73	13	4-75	17-75	6-0	15 29	1,438	41 43	26 14	13
23.....	423	443	22-25	73	13	7-25	21-75	6-0	16 49	1,669	45 95	29 46	12
24.....	426	438	22-5	73	13	8-0	23-75	7-25	16 50	1,790	57 13	40 63	11
25.....	396	407	16-5	73	13	4-25	17-5	4-25	14 99	1,217	35 19	20 20	15
26.....	407	435	21-5	73	13	6-25	21-5	6-5	16 10	1,476	45 17	29 07	13
27.....	451	478	27-5	73	13	9-25	26-0	7-5	17 89	1,898	59 32	41 43	11
28.....	449	485	27-5	73	13	9-5	28-0	9-75	18 03	2,274	71 10	53 07	10
29.....	461	502	27-25	73	13	10-0	29-25	10-0	18 54	2,482	83 30	64 76	9
Total..	11,235	11,910	603-25	1,971	351	235-75	611-25	180 75	442 21	48,123	1,421 52	979 31	
Average per pen..	415	441	22-3	73	13	8-7	22-6	6-6	16 37	1,782	52 64	36 27	10-9

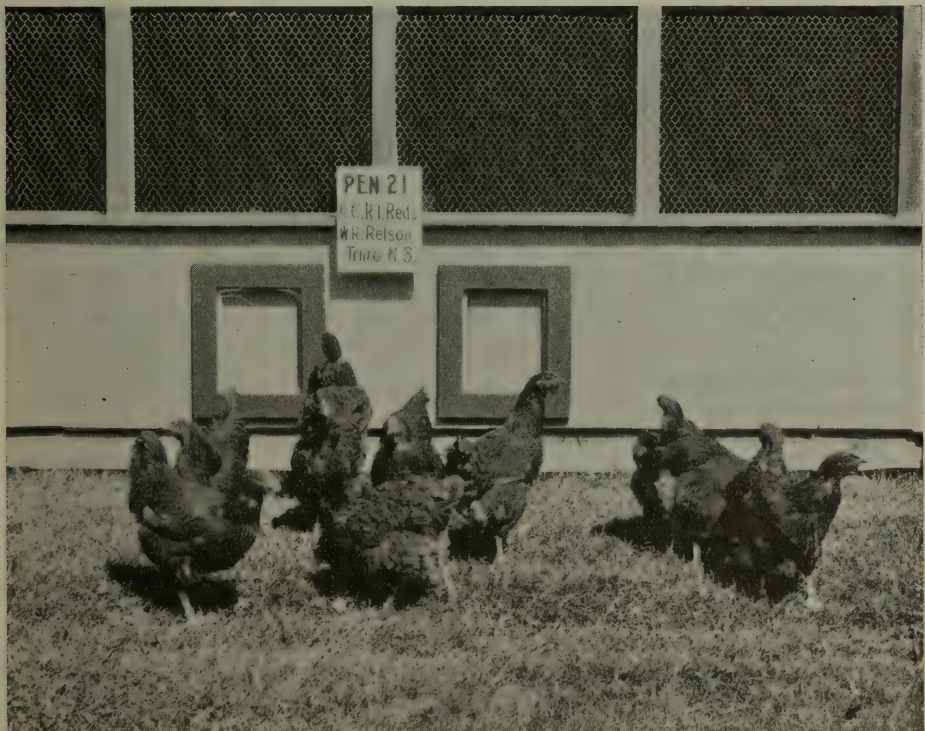


Fig. 9.—Rose-comb Rhode Island Reds. This pen laid 1,918 eggs in 1923-24 Canadian Contest.

## BRITISH COLUMBIA EGG-LAYING CONTEST—AGASSIZ

## LIST OF ENTRANTS

With individual and total production 1923-24

Pen	Owner and Address	Variety	Bird No.										Floor	Total
			1	2	3	4	5	6	7	8	9	10		
1	W. H. Grant, Edmonds...	Anc. ....	164	189	183	201	131	190	203	230	244	186	8	1,929
2	F. E. Pullen, Whonnock...	Anc. ....	218	174	*197	198	195	163	187	172	214	*169	9	1,896
3	J. Arnould, Sardis.....	W.L. ....	*161	218	226	*166	*248	167	214	*209	*194	189	16	2,008
4	Bolivar W. L. Farm, Cloverdale.....	W.L. ....	177	169	*131	*101	226	218	250	266	*128	D194	21	1,881
5	Ruth Brown, Pitt Meadows.....	W.L. ....	201	297	175	183	244	211	159	*98	*204	D161	12	1,945
6	W. D. Bruce, Pitt Meadows.....	W.L. ....	175	190	*222	248	229	238	264	221	208	*252	11	2,258
7	Dom. Exp. Farm, Invermere.....	W.L. ....	118	*203	239	*188	*105	147	218	210	205	*172	20	1,825
8	Farrington Bros., Central Park.....	W.L. ....	*136	229	251	303	261	226	188	206	*278	257	6	2,341
9	E. S. Flowerdew, Coghlan.	W.L. ....	*183	269	195	206	195	168	234	206	228	257	12	2,153
10	R. H. Grahame, Langley Prairie.....	W.L. ....	256	203	245	232	243	262	*190	197	262	240	12	2,342
11	Howman & Twemlow, Coghlan.....	W.L. ....	196	211	235	*198	215	151	*185	217	197	235	13	2,053
12	Kennedy Bros., New Westminster.....	W.L. ....	255	133	188	192	200	298	237	204	221	218	15	2,161
13	J. H. Kershaw, Port Haney	W.L. ....	122	163	173	*172	205	*147	246	201	212	191	6	1,838
14	Alex. Mains, New Westminster.....	W.L. ....	241	*146	137	259	222	219	203	194	157	192	8	1,978
15	C. P. Mercalfe, Hammond	W.L. ....	59	308	189	241	176	246	249	144	174	192	11	1,989
16	J. H. Mufford & Son, Milner.....	W.L. ....	255	131	210	177	189	139	134	199	187	198	6	1,825
17	Raines P. Farm, Surrey...	W.L. ....	199	215	242	219	238	194	158	229	225	220	4	2,143
18	J. W. Ready, Chilliwack...	W.L. ....	253	186	213	156	206	179	127	257	177	212	23	1,989
19	Rump & Sendall, Sperling.	W.L. ....	220	281	275	217	194	248	177	243	190	268	13	2,326
20	M. H. Rutledge, Sperling.	W.L. ....	177	224	248	263	244	242	163	239	233	*266	13	2,312
21	A. W. Schofield, New Westminster.....	W.L. ....	230	253	260	184	200	125	221	213	263	253	22	2,224
22	Simpson & Holland, Haney	W.L. ....	263	227	264	143	243	173	216	218	223	292	13	2,275
23	W. & F. M. Tozer, Milner.	W.L. ....	241	256	194	195	224	233	206	233	182	254	7	2,225
24	University B. C., Vancouver.....	W.L. ....	250	259	205	229	217	286	240	243	207	271	15	2,422
25	A. Unsworth, Sardis.....	W.L. ....	*130	250	217	213	157	284	220	136	178	246	18	2,049
26	J. T. Webster, East Robson	W.L. ....	177	146	172	176	198	252	219	204	157	210	8	1,919
27	T. Bridge, Vancouver.....	W.W. ....	269	248	*158	204	221	232	240	232	215	237	19	2,275
28	Dom. Exp. Farm, Summerland.....	W.W. ....	219	153	194	233	213	189	228	236	152	268	26	2,111
29	T. W. Currie, New Westminster.....	W.W. ....	255	210	219	156	180	235	86	224	218	137	32	1,962
30	Dom. Exp. Farm, Summerland.....	W.W. ....	231	232	234	230	214	205	234	227	216	178	20	2,221
31	D. Russell, Jubilee.....	S.C. R.I.R.	*127	162	195	224	*182	187	175	183	167	189	40	1,831
32	H. Sweatman, Agassiz.....	S.C. R.I.R.	205	286	159	175	182	251	234	92	210	*220	40	2,054
33	W. S. McAlpine, Creston...	B.R. ....	*154	190	196	96	121	159	193	215	233	226	10	1,793
34	H. Wilkinson, Jubilee.....	B.R. ....	137	204	196	227	178	224	198	182	*136	163	5	1,850
35	Dom. Exp. Farm, Agassiz.	B.R. ....	202	183	202	260	237	217	212	214	183	227	11	2,148
36	Dom. Exp. Farm, Agassiz.	B.R. ....	225	153	118	188	188	190	183	247	250	153	7	1,902

\* Production of more than one bird.

D Dead but not substituted.



## BRITISH COLUMBIA EGG-LAYING CONTEST, AGASSIZ

## TABLE SHOWING PRODUCTION COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1923-24

Pen number	Scratch grain	Meal mixture	Green feed	Milk	Grit	Shell	Total cost	Eggs laid	Value	Gain	Feed cost per dozen
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	\$	No.	\$	\$	c.
1.....	396.75	327.5	688	672	0.5	36.0	20 44	1,929	44 42	23 98	12
2.....	417.75	359.25	688	672	1.5	35.5	21 67	1,896	44 48	22 81	13
3.....	414.0	360.5	688	672	0.25	31.0	21 51	2,008	51 22	29 71	12
4.....	406.75	401.5	688	672	.....	37.5	22 38	1,881	43 41	21 03	14
5.....	410.0	346.25	688	672	.....	35.0	21 19	1,945	47 00	25 81	13
6.....	403.75	419.0	688	672	.....	40.0	22 83	2,258	55 63	32 80	12
7.....	403.5	323.5	688	672	.....	31.0	20 41	1,825	47 08	26 67	13
8.....	407.25	379.5	688	672	0.75	36.5	21 72	2,341	58 69	36 97	11
9.....	414.5	418.25	688	672	1.25	43.0	23 07	2,153	52 64	29 57	12
10.....	413.75	387.75	688	672	1.50	43.5	22 36	2,342	58 22	35 86	11
11.....	401.0	399.0	688	672	1.0	41.5	22 34	2,053	49 46	27 12	13
12.....	408.25	389.5	688	672	0.5	37.0	22 15	2,161	53 47	31 32	12
13.....	409.75	296.25	688	672	0.5	33.0	19 84	1,838	44 43	24 59	13
14.....	410.25	391.5	688	672	0.5	36.0	22 24	1,978	50 02	27 78	13
15.....	414.0	420.25	688	672	.....	38.0	23 01	1,989	49 86	26 85	13
16.....	415.0	444.0	688	672	0.5	37.5	23 59	1,825	43 41	19 82	15
17.....	420.75	443.75	688	672	0.5	29.5	23 61	2,143	52 62	29 01	13
18.....	413.75	431.75	688	672	.....	41.5	23 40	1,989	49 09	25 69	14
19.....	414.75	492.25	688	672	2.5	44.5	24 93	2,326	58 65	33 72	12
20.....	412.75	331.25	688	672	0.25	34.0	20 80	2,312	58 68	37 88	10
21.....	408.5	365.0	688	672	.....	40.5	21 59	2,224	55 36	33 77	11
22.....	410.5	365.0	688	672	0.5	38.5	21 70	2,275	57 28	35 58	11
23.....	415.9	398.5	688	672	.....	44.0	22 70	2,225	54 07	31 37	12
24.....	419.0	345.5	688	672	.....	38.0	21 30	2,422	61 55	40 25	10
25.....	412.25	365.0	688	672	.....	31.5	21 58	2,049	50 59	29 01	12
26.....	401.25	325.0	688	672	.....	35.0	20 41	1,919	47 66	27 25	12
27.....	417.75	410.25	688	672	0.5	42.5	23 02	2,275	58 44	35 42	12
28.....	413.25	444.25	688	672	.....	35.5	23 50	2,111	54 73	31 23	13
29.....	413.5	552.5	688	672	0.25	52.0	26 40	1,952	50 22	23 82	16
30.....	424.0	437.5	688	672	1.0	40.0	23 62	2,221	37 63	14 01	12
31.....	410.5	561.5	688	672	0.75	36.0	26 27	1,831	45 16	18 89	17
32.....	414.5	492.0	688	672	0.5	43.5	24 85	2,054	53 10	28 25	14
33.....	412.75	479.0	688	672	1.0	28.5	24 36	1,793	44 76	20 40	16
34.....	415.0	410.75	688	672	0.5	35.0	22 67	1,850	45 94	23 27	14
35.....	416.5	524.5	688	672	1.0	40.0	25 53	2,148	53 41	27 88	13
36.....	409.25	437.75	688	672	0.75	27.75	23 18	1,902	49 15	25 97	14
Total.....	14822.25	14677.5	24,768	24,192	18.5	1,349.75	816 17	74,443	1,831 53	1,015 36	
Average per pen.....	411.7	407.7	688.0	672.0	5.0	37.4	22 67	2,067	50 87	28 20	13.0

## VANCOUVER ISLAND EGG-LAYING CONTEST—SAANICHTON

## LIST OF ENTRANTS

With individual and total production 1923-24

Pen	Owner and Address	Variety	Bird No.										Floor	Total
			1	2	3	4	5	6	7	8	9	10		
1	O. Thomas, Sidney.....	W.L....	166	174	*212	142	185	245	235	109	247	231	5	1,951
2	P. G. Stebbings, Pender Island.....	W.W....	180	175	182	176	169	159	190	151	158	194	9	1,743
3	R. H. W. Clowes, Sidney.....	W.L....	273	236	192	256	247	221	215	243	*245	*149	6	2,283
4	S. Percival, Pt. Washington.....	W.W....	182	227	91	245	119	216	166	175	212	184	2	1,819
5	R. Y. Vyryan, Saanichton.....	W.L....	260	182	270	236	300	267	234	135	218	252	3	2,357
6	Elderton Bros., Royal Oak.....	W.W....	222	219	248	145	93	240	174	266	*211	239	2	2,049
7	A. Georgeson, Albert Head.....	W.L....	145	223	231	159	207	224	127	281	163	249	3	2,012
8	L. G. Herchmer, Colwood.....	W.L....	180	113	225	123	228	*153	183	D152	168	218	3	1,746
9	R. F. Matthews, Metchosin.....	W.L....	239	*234	91	253	218	192	184	222	236	184	13	2,066
10	J. S. Baiss, Cobble Hill.....	W.W....	209	161	115	185	182	100	189	*89	145	221	9	1,605
11	R. H. Barker, Sidney.....	W.L....	194	221	197	185	203	161	*248	106	192	220	7	1,934
12	W. Robbins, Victoria.....	W.L....	182	217	*203	221	252	179	196	257	263	173	2	2,145
13	W. Bradley, Langford.....	W.L....	232	205	175	187	63	*150	123	71	280	194	4	1,684
14	G. C. Golding, Qualicum Beach.....	B.R....	180	214	196	182	211	218	161	201	240	215	1	2,019
15	E. Gwynne, Sidney.....	W.L....	234	186	234	169	181	225	245	266	213	196	1	2,150
16	J. E. Nelson, Sidney.....	W.W....	211	179	104	252	203	236	213	240	130	181	5	1,957
17	A. Adams, Victoria.....	W.L....	196	185	217	146	165	179	194	152	178	226	5	1,843
18	H. C. Cooke, Lake Hill.....	R.I.R....	154	221	151	134	237	164	203	225	169	172	11	1,841
19	A. D. Cooke, Colwood.....	W.L....	179	262	169	268	156	*133	248	245	241	211	8	2,120
20	Dean Bros., Kesting.....	W.W....	182	76	139	D75	171	201	199	D191	244	240	4	1,722
21	W. Russell, Victoria.....	W.L....	228	175	218	263	*52	216	141	228	225	233	8	1,987
22	H. B. Cunningham, Shawsigan Lake.....	W.W....	181	*101	*139	198	115	113	153	185	*228	D110	10	1,534
23	A. V. Lang, Victoria.....	W.L....	224	206	268	96	*220	221	204	195	223	236	2	2,095
24	F. E. Parker, Duncan.....	W.L....	*169	228	184	215	200	247	*153	250	208	170	8	2,032
25	R. McKenzie, Victoria.....	W.L....	230	183	264	208	175	248	184	210	209	247	1	2,159
26	W. J. Gunn, Courtenay.....	W.L....	246	177	190	197	199	258	254	152	192	*167	3	2,025
27	H. P. Hurst, Sidney.....	W.L....	191	226	231	212	230	248	255	*257	248	227	8	2,333
28	R. S. A. Jackson, Duncan.....	W.L....	292	237	129	213	235	214	230	233	245	161	6	2,195
29	G. C. Golding, Qualicum Beach.....	W.L....	258	*206	246	207	282	248	237	193	218	190	3	2,273
30	J. J. Dougan, Cobble Hill.....	W.L....	207	247	164	165	248	228	236	*95	143	186	14	1,933
31	Reade & King, Cowichan Sta.....	W.W....	232	*101	*205	204	223	200	277	120	253	225	12	2,052
32	Experimental Station, Sidney.....	W.W....	175	256	212	224	171	184	213	223	186	226	7	2,077
33	Experimental Station, Sidney.....	W.W....	285	207	239	201	208	235	174	161	183	208	11	2,111
34	Experimental Station, Sidney.....	W.W....	199	218	226	183	199	256	190	205	228	177	5	2,086

\* Production of more than one bird.

D—Dead but not substituted.



## VANCOUVER ISLAND EGG-LAYING CONTEST, SAANICHTON

## TABLE SHOWING PRODUCTION COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1923-24

Pen Number	Scratch grain	Meal mixture	Meat feed	Green feed	Milk	Grit	Shell	Char-coal	Total cost	Eggs laid	Value	Gain	Feed cost per dozen
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	\$	No.	\$	\$	cts.
1.....	410.0	426.0	46.5	318	494	12.0	34.5	4	25 90	1,951	46 95	21 05	16
2.....	423.0	424.5	30.0	318	494	11.0	26.0	41	25 17	1,743	44 15	15 98	17
3.....	393.0	427.0	39.0	318	494	14.5	43.0	15	25 73	2,283	57 66	31 93	13
4.....	427.5	489.5	25.0	318	494	9.5	32.0	19	26 63	1,819	45 88	19 25	17
5.....	406.0	374.5	85.5	318	494	10.0	40.5	6	28 12	2,357	60 66	32 54	14
6.....	425.0	424.0	40.5	318	494	13.0	34.5	34	26 22	2,049	54 58	28 36	15
7.....	407.0	357.5	74.0	318	494	14.0	32.5	12	26 32	2,012	48 81	22 49	15
8.....	428.0	488.5	18.0	318	494	18.5	45.0	28	26 49	1,746	44 50	18 01	17
9.....	414.0	417.5	27.0	318	494	10.5	39.0	30	25 03	2,066	50 67	25 64	14
10.....	413.0	432.0	28.5	318	494	21.0	35.5	28	25 59	1,605	39 34	13 75	19
11.....	391.0	424.0	27.5	318	494	13.0	31.0	26	24 46	1,934	48 23	23 77	15
12.....	406.0	471.5	33.5	318	494	8.0	34.0	13	25 69	2,145	51 68	25 99	14
13.....	410.0	368.0	54.0	318	494	13.0	35.0	31	25 36	1,684	41 12	15 76	18
14.....	419.0	489.5	67.5	318	494	13.5	32.5	43	29 26	2,019	51 78	22 52	18
15.....	402.0	478.5	26.0	318	494	12.5	37.0	31	26 04	2,150	55 76	29 72	14
16.....	418.0	464.5	27.0	318	494	15.0	35.5	45	26 12	1,957	52 29	26 17	16
17.....	388.0	432.5	35.0	318	494	11.5	41.0	23	24 96	1,843	44 65	19 69	16
18.....	445.0	492.0	41.0	318	494	14.5	28.0	36	28 08	1,841	44 97	16 89	18
19.....	401.0	379.5	68.0	318	494	10.5	30.5	20	26 26	2,120	52 66	26 40	14
20.....	423.0	417.0	36.5	318	494	20.5	33.0	28	25 69	1,722	44 37	18 68	18
21.....	399.0	394.0	18.0	318	494	13.0	32.5	25	23 24	1,987	48 25	25 01	14
22.....	406.0	414.5	20.0	318	494	18.5	29.0	48	24 33	1,534	36 59	12 26	19
23.....	403.0	401.5	26.0	318	494	19.0	40.1	11	24 32	2,095	52 68	28 36	14
24.....	416.0	420.5	11.0	318	494	16.0	42.5	48	23 96	2,032	50 06	26 10	14
25.....	407.0	436.5	66.5	318	494	16.0	44.0	22	28 46	2,159	52 13	23 67	15
26.....	413.0	427.5	71.0	318	494	19.0	53.0	42	28 38	2,025	48 94	20 56	16
27.....	409.0	458.0	31.0	318	494	19.0	36.0	42	25 91	2,333	59 64	33 73	13
28.....	402.0	447.0	24.5	318	494	13.0	35.5	29	24 68	2,195	55 26	30 58	13
29.....	415.0	465.5	22.5	318	494	14.0	38.5	25	25 87	2,278	58 07	32 20	13
30.....	403.0	425.0	36.5	318	494	14.0	29.5	32	25 17	1,933	47 09	21 92	15
31.....	423.0	452.0	16.0	318	494	18.0	32.5	43	24 88	2,052	54 48	29 60	14
32.....	433.0	474.0	16.5	318	494	13.0	42.0	70	25 97	2,077	55 00	29 03	15
33.....	422.0	491.5	11.5	318	494	14.5	37.0	65	25 84	2,111	55 12	29 28	14
34.....	429.0	466.5	35.0	318	494	18.0	39.5	49	26 99	2,086	54 85	27 86	15
Total.....	14,029.50	14,852.0	1,236.0	10,812	16,796	491.0	1,231.5	1,064.0	881 12	67,943	1708.87	827 75	
Average per pen..	412.6	430.9	36.3	318	494.0	14.4	36.2	31.2	25 91	1,998	50 26	24 34	15.4

## VARIETY AVERAGES

Table giving the number of birds, average production and cost per dozen by varieties for all contests and also for each contest in 1923-24.

## ALL CONTESTS

Variety	Number Birds	Average Production	Feed cost per dozen
			cts.
S.C. White Leghorns.....	1,400	182.6	13.4
Barred Plymouth Rocks.....	1,330	167.2	15.4
White Wyandottes.....	480	160.4	14.8
S.C. Rhode Island Reds.....	190	144.7	17.4
S.C. Anconas.....	70	163.0	12.9
White Plymouth Rocks.....	50	120.1	17.6
S.C. Brown Leghorns.....	20	82.3	16.5
R.C. Rhode Island Reds.....	10	191.8	13.4
R.C. White Leghorns.....	10	191.5	10.0
White Orpingtons.....	10	166.2	15.4
Partridge Plymouth Rocks.....	10	143.8	12.7
Chantecler.....	10	129.4	18.6
Buff Orpingtons.....	10	123.4	18.4
Silver Laced Wyandottes.....	10	120.6	21.6
Total.....	3,610	Average 169.6	14.4

## CANADIAN CONTEST

Variety	Number Birds	Average Production	Feed cost per dozen
			cts.
S.C. White Leghorns.....	430	171.3	13.1
Barred Plymouth Rocks.....	290	161.	15.4
White Wyandottes.....	40	160.9	14.7
R.C. Rhode Island Reds.....	10	191.8	13.4
White Plymouth Rocks.....	10	121.9	22.2
S. C. Anconas.....	10	152.3	14.4
S.C. Rhode Island Reds.....	10	151.5	14.2
Total.....	800	Average 166.2	14.1

## PRINCE EDWARD ISLAND CONTEST

Variety	Number Birds	Average Production	Feed cost per dozen
			cts.
Barred Plymouth Rocks.....	90	158.0	17.0
S. C. White Leghorns.....	90	184.0	13.8
White Wyandottes.....	20	168.9	15.6
Total.....	200	Average 170.8	15.3

## NOVA SCOTIA CONTEST

Variety	Number Birds	Average Production	Feed cost per dozen
			cts.
Barred Plymouth Rocks.....	140	182.2	15.3
S.C. White Leghorns.....	30	194.5	12.2
White Wyandottes.....	20	140.4	18.2
Rhode Island Reds.....	10	121.3	22.0
Total.....	200	Average 176.8	15.3

## NEW BRUNSWICK CONTEST

Variety	Number Birds	Average Production	Feed cost per dozen
			cts.
Barred Plymouth Rocks.....	180	167.8	19.5
S.C. White Leghorns.....	20	139.9	20.1
Total.....	200	Average 165.0	19.5

## QUEBEC EASTERN CONTEST

Variety	Number Birds	Average Production	Feed cost per dozen
			cts.
Rhode Island Reds.....	90	135.2	17.6
Barred Plymouth Rocks.....	60	133.4	18.0
S.C. White Leghorns.....	10	200.2	12.0
Chanteclers.....	10	129.4	18.6
Totals.....	170	Average 138.0	17.2



## QUEBEC WESTERN CONTEST

Variety	Number Birds	Average Production	Feed cost per dozen
			cts.
Barred Plymouth Rocks.....	70	147.8	18.7
S.C. White Leghorns.....	50	165.6	15.3
White Wyandottes.....	50	159.8	16.9
Silver Wyandottes.....	10	120.6	21.6
Rhode Island Reds.....	10	153.5	19.5
Total.....	190	Average 154.5	17.5

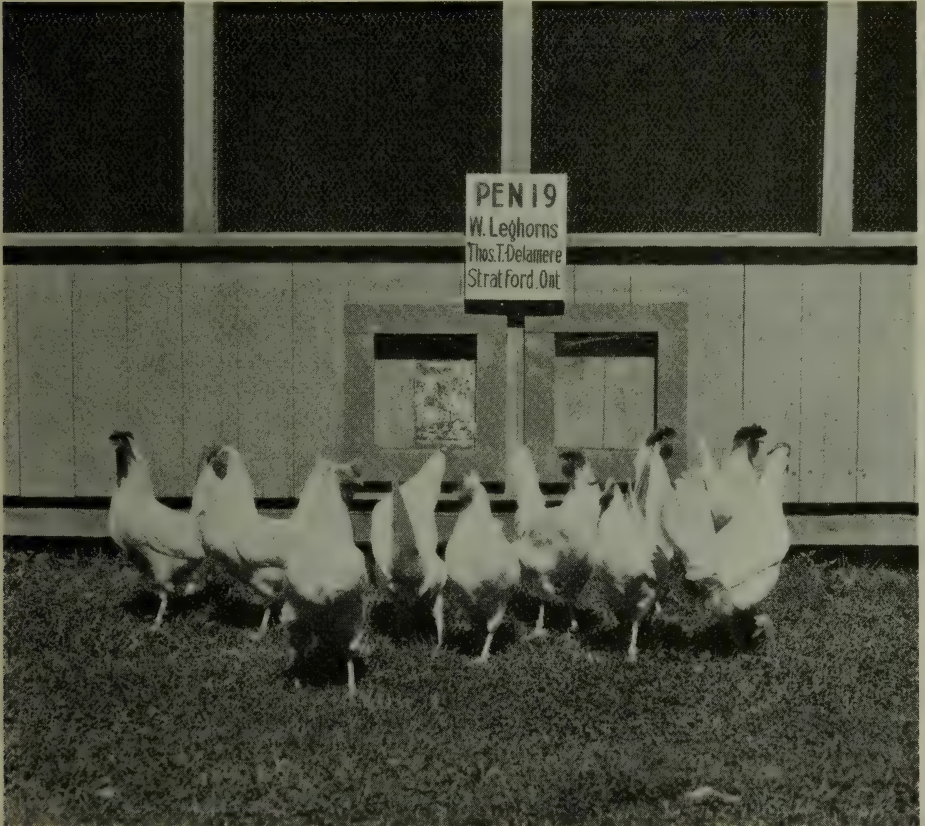


Fig. 10.—Leading pen, Ontario Contest 1923-24. Record 2,281 eggs.

## ONTARIO CONTEST

Variety	Number Birds	Average Production	Feed cost per dozen
			cts.
S.C. White Leghorns.....	220	167.5	13.2
Barred Plymouth Rocks.....	130	168.4	15.4
White Plymouth Rocks.....	10	148.5	19.2
White Wyandottes.....	10	111.9	21.6
S.C. Rhode Island Reds.....	10	142.3	18.8
S.C. Anconas.....	10	155.8	14.0
Total.....	390	Average 164.9	14.7

## MANITOBA CONTEST

Variety	Number Birds	Average Production	Feed cost per dozen
			cts.
Barred Plymouth Rocks.....	150	179.5	13.2
White Wyandottes.....	30	149.0	14.6
S.C. Anconas.....	20	169.7	12.3
S.C. White Leghorns.....	20	137.4	14.5
White Plymouth Rocks.....	10	127.0	18.2
White Orpingtons.....	10	166.2	15.4
Buff Orpingtons.....	10	123.4	18.4
Rhode Island Reds.....	10	168.8	14.7
Total.....	260	Average 166.9	13.8

## SASKATCHEWAN CONTEST

Variety	Number Birds	Average Production	Feed cost per dozen
			cts.
White Wyandottes.....	100	116.9	11.9
Barred Plymouth Rocks.....	50	131.6	10.2
Rhode Island Reds.....	20	111.5	12.4
White Plymouth Rocks.....	20	101.7	13.5
S.C. White Leghorns.....	20	83.9	14.0
S.C. Anconas.....	10	111.0	11.3
S.C. Brown Leghorns.....	10	55.9	21.8
Total.....	230	Average 112.5	12.0

## ALBERTA CONTEST

Variety	Number Birds	Average Production	Feed cost per dozen
			cts.
Barred Plymouth Rocks.....	120	186.3	11.0
S.C. White Leghorns.....	70	189.6	9.9
White Wyandottes.....	50	161.0	12.1
R.C. White Leghorns.....	10	191.5	10.0
S.C. Brown Leghorns.....	10	108.7	13.8
Patridge Rocks.....	10	143.8	12.7
Total.....	270	Average 178.2	10.9

## BRITISH COLUMBIA CONTEST

Variety	Number Birds	Average Production	Feed cost per dozen
			cts.
S.C. White Leghorns.....	240	210.3	12.6
White Wyandottes.....	40	213.9	13.4
Barred Plymouth Rocks.....	40	192.3	14.8
S.C. Anconas.....	20	191.2	13.2
S.C. Rhode Island Reds.....	20	194.2	15.7
Total.....	360	Average 206.7	13.0

## VANCOUVER ISLAND CONTEST

Variety	Number Birds	Average Production	Feed cost per dozen
			cts.
S.C. White Leghorns.....	200	207.9	14.7
White Wyandottes.....	120	187.5	16.4
Barred Plymouth Rocks.....	10	201.9	17.2
Rhode Island Reds.....	10	184.1	18.2
Total.....	340	Average 199.8	15.4



## VARIETY AVERAGES

As has been the case in all previous contests conducted by the Experimental Farms Branch, two varieties are outstanding as regards numbers of birds entered. White Leghorns and Barred Plymouth Rocks make up over 70 per cent of the total entry in 1923-24. The White Leghorns lead with 70 birds more than the Barred Plymouth Rocks, which are second. White Wyandottes are third and Single Comb Rhode Island Reds are fourth in order. All these four varieties show an increase in number of entries over the previous year's contest. In fifth place we have Anconas with seven pens, being the same number as was entered the previous year, while in sixth place the White Plymouth Rocks with five pens are two entries less than in 1922-23. The other varieties included in the list have single entries, except S.C. Brown Leghorns which has two pens.

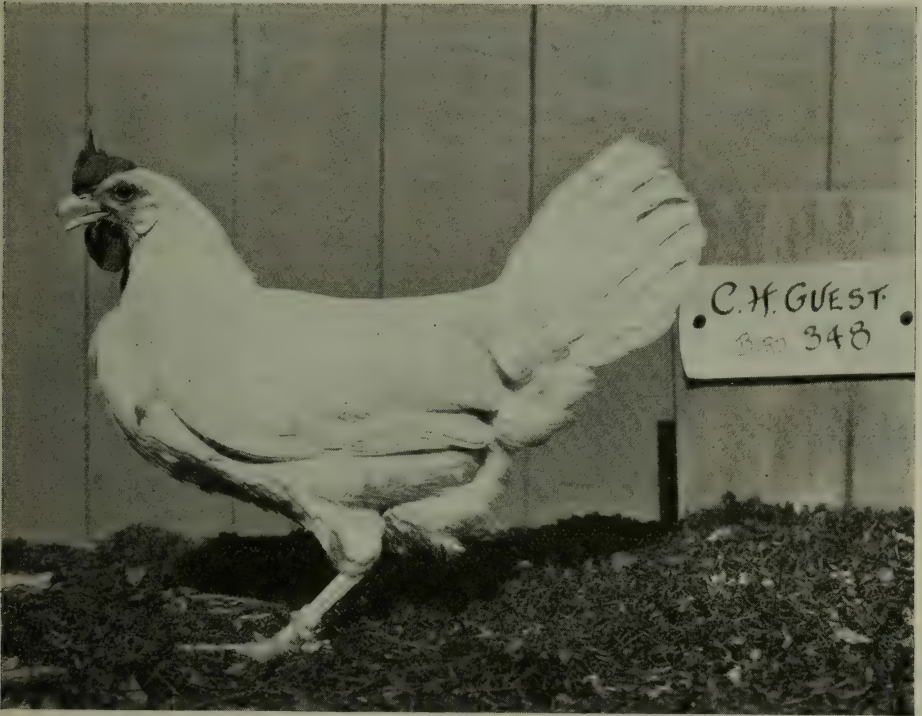


Fig. 11.—This bird laid 270 eggs in the 1923-24 Ontario Contest. Note the clean-cut head, bright eye, length of back and good tail carriage.

Any attempt to compare these single entries, in average production or cost per dozen, with larger entries, such as the first six varieties mentioned, would be not only unfair, but quite misleading.

White Leghorns lead in average production with 182.6 eggs per bird, a remarkable score when the number of birds is considered. Barred Plymouth Rocks are next in order with 167.2 eggs, and in third place the Anconas have 163.0 eggs each. In fourth place the White Wyandottes have a good score of 160.4 eggs.

The Single-Comb Anconas were the most economical producers, the cost per dozen eggs (for feed only) being 12.9 cents. They were closely followed by Single-Comb White Leghorns with 13.4 cents per dozen, with the White Wyandottes third and the Barred Plymouth Rocks fourth in order.

The average production in a number of the contests was remarkable and in many cases surpasses all previous records. In this regard the British Columbia

Contest leads the way with 206.7 eggs per bird for the 360 birds. Vancouver Island Laying Contest stands second with a good average score of 199.8 eggs, while Alberta has an average of 178.2 eggs per bird. Fourth place goes to the Maritime Provinces, the Nova Scotia Contest securing the honour with an average of 176.2 eggs per bird. A careful study of the figures in the foregoing tables shows quite clearly that high average egg production is quite possible in every province in Canada.

The Single-Comb White Leghorns in the British Columbia Contest, of which there were 240 birds, laid 210.3 eggs each, and the same variety, with 200 birds, laid an average of 207.9 eggs in the Vancouver Island Laying Contest. Considering that there were 44 Leghorn pens in these two contests the score in eggs laid can be taken as fairly representative for the province of British Columbia. Four pens of White Wyandottes in the British Columbia Contest made the highest score for the year, their record being 213.9 eggs per bird for 40 birds.

TABLE GIVING PRODUCTION COST FOR EACH CONTEST

Average per pen (10 birds) feed consumed, cost, egg yield and cost of production for 1923-24

Contest	Scratch grain	Meal mixture	Beef scrap	Green feed	Milk	Grit	Shell	Char-coal	Total cost	Eggs laid	Value	Gain	Feed cost per doz.
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	\$ c.	No.	\$ c.	\$ c.	cts.
Canadian .....	449.1	242.7	33.5	415.2	600	27.5	58.2	.....	19 67	1,662	68 74	49 06	14.1
Prince Edward Island....	543.0	162.0	8.0	308.0	5	19.3	25.1	12.6	21 91	1,708	39 06	17 14	15.3
Nova Scotia .....	608.0	224.0	49.0	153.0	15	19.0	43.0	.....	22 71	1,768	62 26	39 54	15.3
New Brunswick .....	520.0	500.0	.....	296.0	859	24.9	38.3	.....	27 04	1,650	52 82	25 78	19.5
Quebec East .....	661.0	246.0	46.1	175.0	150	9.4	44.5	25.6	20 00	1,380	46 53	26 53	17.2
Quebec West .....	389.5	421.9	58.2	364.0	.....	14.5	40.1	.....	22 60	1,545	51 73	29 12	17.5
Ontario .....	518.0	206.0	34.2	448.0	650	38.8	46.9	.....	20 38	1,649	67 95	47 53	14.7
Manitoba .....	470.0	468.0	.....	33.0	1,528	19.6	35.5	.....	19 26	1,669	49 52	30 25	13.8
Saskatchewan .....	331.0	288.0	12.0	17.0	.....	12.8	15.0	0.5	11 29	1,125	26 00	14 71	12.0
Alberta .....	415.0	441.0	22.3	73.0	13	8.7	22.6	6.6	16 37	1,782	52 64	36 27	10.9
British Columbia .....	411.7	407.7	.....	688.0	672	5.0	37.4	.....	22 67	2,067	50 87	28 20	13.0
Vancouver Island .....	412.6	430.9	36.3	318.0	494	14.4	36.2	31.2	25 91	1,998	50 26	24 34	15.4
Average .....	477.4	336.5	33.2	274.0	498.6	17.7	36.8	15.3	20 81	1,696	51 53	30 70	14.4

#### PRODUCTION COSTS

The table giving production costs for each contest gives the amounts of each feed used, together with the cost and number of eggs laid per pen of ten birds. Comparisons can be made of the relative amount of mash to grain used in the feeding ration in each contest for the year. The cost of producing eggs in the various contests is also made quite clear.

Comparing the figures in this table with those of the previous year we find that less scratch grain and less mash were used in the 1923-24 year. The birds also consumed four and one-half pounds less beef scrap in 1923-24 than in the previous year. Naturally the total cost was less, but, on the other hand, the average production was increased by 5.3 eggs per bird during 1923-24. In keeping with the decreased total cost of feed and increased production, the cost per dozen was decreased, and in 1923-24 eggs were produced for 14.4 cents per dozen. This figure covers cost of feed only and is the lowest figure at which eggs were produced during the five years in which the laying contests have been in operation.

#### PRIZES

To replace the money prizes which have been awarded in previous egg-laying contests, ribbons suitably printed were presented to successful contestants. In the table following is given the list of winners, giving reason for award, award, breeder's name, address, and breed represented.



## PRIZE WINNERS IN THE 1923-24 CONTESTS

## CANADIAN CONTEST

## PEN PRODUCTION

Award	Pen	Owner	Breed	Total
1	44	Hollywood P. Farm.....	White Leghorns.....	2208
2	53	Alex. McLean.....	White Leghorns.....	2199
3	37	Lewis N. Clark.....	White Leghorns.....	2129
4	6	R. A. Snowball.....	Barred P. Rocks.....	2112
5	23	W. H. Fisher.....	White Wyandottes.....	2045
6	39	H. Bolivar.....	White Leghorns.....	2044
7	52	J. C. Quanbury.....	White Leghorns.....	2040
8	30	H. S. Rogers.....	White Leghorns.....	2039
9	58	W. J. O'Neill.....	White Leghorns.....	2002
10	59	Credit Vale Farm.....	White Leghorns.....	1970

## BIRD PRODUCTION

Award	Bird	Owner	Breed	Total
1	C.L.C.-E478	Cloverlea Stock Farm.....	White Leghorn.....	272
2	"	H. E. Smith.....	White Leghorn.....	271
3	"	Winchester P. Farm.....	White Leghorn.....	270
4	"	Lewis N. Clark.....	White Leghorn.....	268
5	"	Alex. McLean.....	White Leghorn.....	268
6	"	J. C. Quanbury.....	White Leghorn.....	267
7	"	R. A. Snowball.....	Barred P. Rock.....	258
8	"	R. A. Snowball.....	Barred P. Rock.....	256
9	"	W. R. Retson.....	R. C. Rhode Island Red.....	255
10	"	Alex. McLean.....	White Leghorn.....	255

## NET REVENUE

Award	Pen	Owner	Breed	Total
1	44	Hollywood P. Farm.....	White Leghorns.....	\$75 07
2	53	Alex. McLean.....	White Leghorns.....	71 18
3	37	Lewis N. Clark.....	White Leghorns.....	67 59

## No. BIRDS REGISTERED

Award	Pen	Owner	Breed	Total
1	37	Lewis N. Clark.....	White Leghorns.....	7
2	52	J. C. Quanbury.....	White Leghorns.....	6
3	55	W. H. Fisher.....	White Wyandottes.....	6

## PRINCE EDWARD ISLAND CONTEST

## PEN PRODUCTION

Award	Pen	Owner	Breed	Total
1	17	Edward Bullpitt.....	White Leghorns.....	1850
2	4	Mrs. P. Halliday.....	Barred P. Rocks.....	1847
3	1	Augustine Wisner.....	White Wyandottes.....	1792

## BIRD PRODUCTION

Award	Bird	Owner	Breed	Total
1	P.E.I.L.C.-F76	D. F. McDonald.....	Barred P. Rock.....	254
2	"	Rev. A. McAuley.....	Barred P. Rock.....	240
3	"	J. Jenkins.....	Barred P. Rock.....	237

## NET REVENUE

Award	Pen	Owner	Breed	Total
1	17	Edward Bullpitt.....	White Leghorns.....	\$21 93
2	20	J. J. McGillivray.....	White Leghorns.....	20 33

## NUMBER BIRDS REGISTERED

Award	Pen	Owner	Breed	Total
1	17	Edward Bullpitt.....	White Leghorns.....	3
2	1	Augustine Wisner.....	White Wyandottes.....	3

## NOVA SCOTIA CONTEST

## PEN PRODUCTION

Award	Pen	Owner	Breed	Total
1	8	Mrs. J. J. Simpson.....	Barred P. Rocks.....	2,076
2	7	Mrs. Fred. Chapman.....	Barred P. Rocks.....	2,020
3	6	F. Cochrane.....	Barred P. Rocks.....	1,992

## BIRD PRODUCTION

Award	Bird	Owner	Breed	Total
1	N.S.L.C.-E53	David Bacon.....	Barred P. Rock.....	255
2	"	D. G. O'Reilly.....	White Leghorn.....	252
3	"	F. Cochrane.....	Barred P. Rock.....	248

## NET REVENUE

Award	Pen	Owner	Breed	Total
1	10	D. G. O'Reilly.....	White Leghorns.....	\$50 75
2	8	Mrs. J. J. Simpson.....	Barred P. Rocks.....	48 79

## NUMBER BIRDS REGISTERED

Award	Pen	Owner	Breed	Total
1	5	D. Bacon.....	Barred P. Rocks.....	6
2	7	Mrs. Fred. Chapman.....	Barred P. Rocks.....	6

## PRIZE WINNERS IN THE 1923-24 CONTESTS—Continued

## NEW BRUNSWICK CONTEST

## PEN PRODUCTION

Award	Pen	Owner	Breed	Total
1	5	Harry Patterson.....	Barred P. Rocks.....	2,190
2	9	W. E. B. Tait.....	Barred P. Rocks.....	2,004
3	11	John Moore.....	Barred P. Rocks.....	1,902

## BIRD PRODUCTION

Award	Bird	Owner	Breed	Total
1	N.B.L.C.-D58	Harry Patterson.....	Barred P. Rock.....	259
2	"	Harry Patterson.....	Barred P. Rock.....	253
3	98	W. E. B. Tait.....	Barred P. Rock.....	248

## NET REVENUE

Award	Pen	Owner	Breed	Total
1	5	Harry Patterson.....	Barred P. Rocks.....	\$41 82
2	9	W. E. B. Tait.....	Barred P. Rocks.....	36 41

## NUMBER BIRDS REGISTERED

Award	Pen	Owner	Breed	Total
1	9	W. E. B. Tait.....	Barred P. Rocks.....	4
2	4	A. T. Reid.....	Barred P. Rocks.....	2

## QUEBEC EASTERN CONTEST

## PEN PRODUCTION

Award	Pen	Owner	Breed	Total
1	2	J. G. Liard.....	White Leghorns.....	2,002
2	4	W. A. Carr.....	Barred P. Rocks.....	1,896
3	16	Jos. C. Hebert.....	Rhode Island Reds.....	1,752

## BIRD PRODUCTION

Award	Bird	Owner	Breed	Total
1	Q.E.L.C.-E.41	W. A. Carr.....	Barred P. Rock.....	268
2	"	W. A. Carr.....	Barred P. Rock.....	253
3	23	J. G. Liard.....	White Leghorn.....	244

## NET REVENUE

Award	Pen	Owner	Breed	Total
1	4	W. A. Carr.....	Barred P. Rocks.....	\$46 13
2	16	Jos. C. Hebert.....	Rhode Island Reds.....	41 84

## NUMBER BIRDS REGISTERED

Award	Pen	Owner	Breed	Total
1	2	J. G. Liard.....	White Leghorns.....	7
2	4	W. A. Carr.....	Barred P. Rocks.....	3

## QUEBEC WESTERN CONTEST

## PEN PRODUCTION

Award	Pen	Owner	Breed	Total
1	1	Laurel P. Farm.....	White Leghorns.....	1,927
2	8	Bond Little.....	White Wyandottes.....	1,795
3	20	H. R. Drew.....	Barred P. Rocks.....	1,675

## BIRD PRODUCTION

Award	Bird	Owner	Breed	Total
1	Q.W.L.C.-E13	Laurel P. Farm.....	White Leghorn.....	253
2	"	Laurel P. Farm.....	White Leghorn.....	237
3	82	Bond Little.....	White Wyandotte.....	233

## NET REVENUE

Award	Pen	Owner	Breed	Total
1	1	Laurel P. Farm.....	White Leghorns.....	\$45 31
2	8	Bond Little.....	White Wyandottes.....	39 44

## NUMBER BIRDS REGISTERED

Award	Pen	Owner	Breed	Total
1	1	Laurel P. Farm.....	White Leghorns.....	4
	20	H. R. Drew.....	Barred P. Rocks.....	2



## PRIZE WINNERS IN THE 1923-24 CONTESTS—Continued

## ONTARIO CONTEST

## PEN PRODUCTION

Award	Pen	Owner	Breed	Total
1	19	Thos. G. Delamere.....	White Leghorns.....	2,281
2	20	Alex. McLean.....	White Leghorns.....	2,158
3	37	G. A. Wood.....	White Leghorns.....	2,116
4	34	C. H. Guest.....	White Leghorns.....	1,989
5	9	W. J. Johnston.....	Barred P. Rocks.....	1,984

## BIRD PRODUCTION

Award	Bird	Owner	Breed	Total
1	O.L.C.—D194	T. G. Delamere.....	White Leghorn.....	275
2	" 348	C. H. Guest.....	White Leghorn.....	270
3	" 118	H. C. Mitchell.....	Barred P. Rock.....	268
4	" 192	T. G. Delamere.....	White Leghorn.....	263
5	" 51	Nor. Spec. Farm.....	Barred P. Rock.....	261

## NET REVENUE

Award	Pen	Owner	Breed	Total
1	19	T. G. Delamere.....	White Leghorns.....	\$77.10
2	37	G. A. Wood.....	White Leghorns.....	66.49
3	34	C. H. Guest.....	White Leghorns.....	64.11

## No. BIRDS REGISTERED

Award	Pen	Owner	Breed	Total
1	19	T. G. Delamere.....	White Leghorns.....	7
2	37	G. A. Wood.....	White Leghorns.....	6
3	9	W. J. Johnston.....	Barred P. Rocks.....	6

## MANITOBA CONTEST

## PEN PRODUCTION

Award	Pen	Owner	Breed	Total
1	9	Mrs. R. J. McNabb.....	Barred P. Rocks.....	2,323
2	4	W. R. Barker.....	Barred P. Rocks.....	1,982
3	2	Geo. A. Frame.....	S. C. Anconas.....	1,972
4	6	W. J. Currie.....	Barred P. Rocks.....	1,952

## BIRD PRODUCTION

Award	Bird	Owner	Breed	Total
1	M.L.C.—D78	W. C. Brethour.....	Barred P. Rock.....	273
2	" 27	Geo. A. Frame.....	S. C. Ancona.....	269
3	" 182	C. W. Wallis.....	Barred P. Rock.....	259
4	" 94	Mrs. R. J. McNabb.....	Barred P. Rock.....	255

## NET REVENUE

Award	Pen	Owner	Breed	Total
1	9	Mrs. R. J. McNabb.....	Barred P. Rocks.....	\$50.46
2	12	C. W. Wallis.....	Barred P. Rocks.....	41.30

## No. BIRDS REGISTERED

Award	Pen	Owner	Breed	Total
1	9	Mrs. R. J. McNabb.....	Barred P. Rocks.....	8
2	4	W. R. Barker.....	Barred P. Rocks.....	

## SASKATCHEWAN CONTEST

## PEN PRODUCTION

Award	Pen	Owner	Breed	Total
1	2	A. M. Dykes.....	Barred P. Rocks.....	1,801
2	5	W. J. White.....	Barred P. Rocks.....	1,391

## BIRD PRODUCTION

Award	Bird	Owner	Breed	Total
1	S.L.C.—E28	A. M. Dykes.....	Barred P. Rock.....	242

## NET REVENUE

Award	Pen	Owner	Breed	Total
1	2	A. M. Dykes.....	Barred P. Rocks.....	\$36.09

## PRIZE WINNERS IN THE 1923-24 CONTESTS—Concluded

## ALBERTA CONTEST

## PEN PRODUCTION

Award	Pen	Owner	Breed	Total
1	4	Winter Egg P. Farm.....	White Leghorns.....	2,331
2	12	W. A. Fraser.....	Barred P. Rocks.....	2,317
3	19	F. Edwards.....	Barred P. Rocks.....	2,186
4	3	Pioneer P. Farm.....	White Leghorns.....	2,106

## BIRD PRODUCTION

Award	Bird	Owner	Breed	Total
1	A.L.C.—E41	Winter Egg P. Farm.....	White Leghorn.....	303
2	" 75	Mrs. J. W. Cookson.....	White Leghorn.....	301
3	" 63	Cloverlea Stock Farm.....	Barred P. Rock.....	291
4	" 43	Winter Egg P. Farm.....	White Leghorn.....	281

## NET REVENUE

Award	Pen	Owner	Breed	Total
1	4	Winter Egg P. Farm.....	White Leghorns.....	\$56.08
2	12	W. A. Fraser.....	Barred P. Rocks.....	52.02

## No. BIRDS REGISTERED

Award	Pen	Owner	Breed	Total
1	3	Pioneer P. Farm.....	White Leghorns.....	8
2	4	Winter Egg P. Farm.....	White Leghorns.....	7

## BRITISH COLUMBIA CONTEST

## PEN PRODUCTION

Award	Pen	Owner	Breed	Total
1	10	R. H. Grahame.....	White Leghorns.....	2,342
2	8	Farrington Bros.....	White Leghorns.....	2,341
3	19	Rump & Sendall.....	White Leghorns.....	2,326
4	20	M. H. Rutledge.....	White Leghorns.....	2,312
5	22	Simpson & Holland.....	White Leghorns.....	2,275

## BIRD PRODUCTION

Award	Bird	Owner	Breed	Total
1	B.C.L.C.—D152	C. P. Metcalfe.....	White Leghorn.....	308
2	" 84	Farrington Bros.....	White Leghorn.....	303
3	" 126	Kennedy Bros.....	White Leghorn.....	298
4	" 52	Miss Ruth Brown.....	White Leghorn.....	297
5	" 230	Simpson & Holland.....	White Leghorn.....	292

## NET REVENUE

Award	Pen	Owner	Breed	Total
1	20	M. H. Rutledge.....	White Leghorns.....	\$37.88
2	8	Farrington Bros.....	White Leghorns.....	36.97
3	10	R. H. Grahame.....	White Leghorns.....	35.86

## No. BIRDS REGISTERED

Award	Pen	Owner	Breed	Total
1	22	Simpson & Holland.....	White Leghorns.....	6
2	9	E. S. Flowerdew.....	White Leghorns.....	6
3	17	Raine's P. Farm.....	White Leghorns.....	6

## VANCOUVER ISLAND CONTEST

## PEN PRODUCTION

Award	Pen	Owner	Breed	Total
1	5	R. Y. Vyvyan.....	White Leghorns.....	2,357
2	27	H. P. Hurst.....	White Leghorns.....	2,333
3	3	R. H. W. Clowes.....	White Leghorns.....	2,283
4	29	G. C. Golding.....	Barred P. Rocks.....	2,279
5	28	R. S. A. Jackson.....	White Leghorns.....	2,195

## BIRD PRODUCTION

Award	Bird	Owner	Breed	Total
1	V.I.L.C.—A55	R. Y. Vyvyan.....	White Leghorn.....	300
2	" 281	R. S. A. Jackson.....	White Leghorn.....	292
3	" 295	G. C. Golding.....	Barred P. Rock.....	282
4	" 78	A. Georgeson.....	White Leghorn.....	281
5	" 139	W. Bradley.....	White Leghorn.....	280

## NET REVENUE

Award	Pen	Owner	Breed	Total
1	27	H. P. Hurst.....	White Leghorns.....	\$33.73
2	5	R. Y. Vyvyan.....	White Leghorns.....	32.53
3	3	R. H. W. Clowes.....	White Leghorns.....	32.23

## No. BIRDS REGISTERED

Award	Pen	Owner	Breed	Total
1	29	G. C. Golding.....	Barred P. Rocks.....	5
2	28	R. S. A. Jackson.....	White Leghorns.....	5
3	7	A. Georgeson.....	White Leghorns.....	5



## MORTALITY LISTS 1923-24 CONTESTS

Contests	Pens	Deaths	Per cent
Canadian.....	80	235	29.3
Prince Edward Island.....	20	16	8.0
Nova Scotia.....	20	31	15.5
New Brunswick.....	20	23	11.5
Quebec East.....	17	31	18.2
Quebec West.....	19	19	10.0
Ontario.....	39	104	26.0
Manitoba.....	26	35	13.4
Saskatchewan.....	23	23	10.0
Alberta.....	27	25	9.2
British Columbia.....	36	37	10.7
Vancouver Island.....	34	28	8.2
Totals.....	361	607	16.8

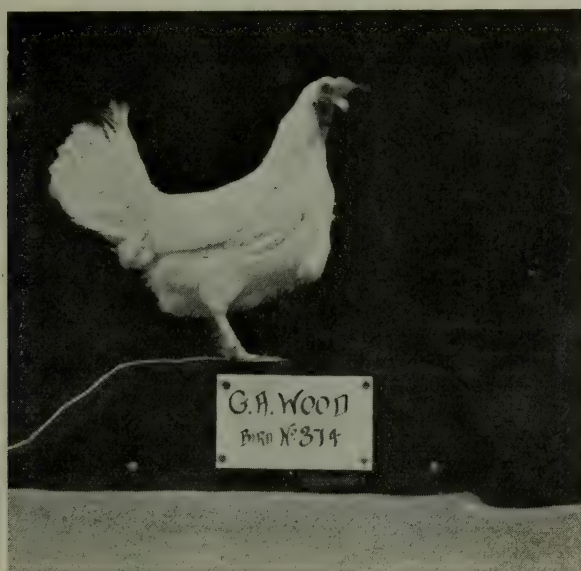


Fig. 12.—A second-generation-registered bird. She laid 259 eggs in the 1923-24 Ontario Contest. Note the length and depth of body.

## MORTALITY LIST 1923-24

The table shows the death rate for the contest year ending October 30, 1924. Compared with the previous year, the death rate is 3.4 per cent higher in 1923-24. The mortality amongst the birds was highest in the two contests at Ottawa, and a heavy toll was taken during the spring months from roup. The greatest increase in percentage of mortality was in the Ontario Contest and although the death rate was low in this contest until spring, it increased very rapidly from March onward.

Two causes were responsible for most of the deaths, during the contest year. These were first, roup and its kindred diseases such as canker, diphtheria and chicken pox, and second, reproductive system disorders. These latter ailments seems to be becoming more prevalent as egg production increases, and from year to year the mortality rate is higher. Two forms, both very analogous in origin, take a high death rate, and when they appear it is usually in a high-producing bird. The two conditions are, first, intra-abdominal ovulation, and second prolapsus.

## FIVE YEARS' SUMMARY

In presenting the summary of results for five years in the Canadian National Egg-Laying Contests we believe we have much valuable information for the farmers and poultrymen of Canada. Three things are clearly demonstrated and quite conclusive. These are, first, the total cost of feeding a pen of ten birds has steadily decreased each year since 1919-20; second, the average production has increased steadily during the five years, and third, the cost per dozen has steadily decreased during the same period.

The cost of feed for one pen for ten birds was \$33.12 in 1919-20, but by 1923-24 the cost had decreased to \$20.81. The cost of grain of all kinds has decreased slightly during the above period, which accounts for the decrease in total cost. Perhaps the most outstanding feature in all the contest work during the five years is the steady, but gradual, increase in egg production. During this period the average production has increased from 122.5 eggs per bird in 1919-20 to 169.6 eggs in 1923-24. The difference between the figures given for these two years is 47.1 eggs which, at 40 cents per dozen, would bring nearly \$1.60 per bird.

The number of birds in the laying contests has steadily increased each year since the work started. During the 1919-20 contest there were 1,610 birds, in 1920-21 the number had increased to 2,480, in 1921-22 the number was again increased to 2,590 birds. Again in the fourth year, 1922-23, the number of birds was 3,000 and during the fifth year 3,610 birds were represented. During the five years the number of birds has more than doubled.

Cost per dozen took a very desirable trend during the five years, for in 1919-20 the cost per dozen (for feed only) was 32.4 cents, which has been gradually reduced, and in 1923-24 each dozen eggs cost 14.4 cents. Beyond question the increase in average production was largely responsible for the decreased cost per dozen, but as has already been pointed out, the cost of feed has also been a factor in reducing the cost of producing eggs.

The following table gives the figures for five years.

## AVERAGE OF AVERAGES FIVE YEARS LAYING CONTESTS

Average per pen (10 birds) feed consumed, cost, egg yield, and cost of production for one year

Year	Scratch grain	Meal mixture	Beef scrap	Green food	Milk	Grit	Shell	Char- coal	Total cost	Eggs laid	Value	Gain	Feed cost per doz.
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	\$ c.		\$ c.	\$ c.	c.
1919-20.....	552.2	289.3	24.8	124.5	290.7	24.5	31.1	15.1	33 12	1,225	58 48	25 36	32.4
1920-21.....	557.8	277.3	24.1	278.2	384.7	18.4	27.0	11.3	28 89	1,370	51 70	23 01	25.2
1921-22.....	560.9	308.8	31.0	206.8	393.6	21.5	33.7	4.5	22 41	1,463	47 43	24 94	18.0
1922-23.....	495.6	355.1	37.8	243.9	416.0	21.1	37.7	12.7	21 34	1,643	48 99	27 64	15.6
1923-24.....	477.4	336.5	33.2	274.0	498.6	17.7	36.8	15.3	20 81	1,696	51 53	30 70	14.4
Total.....	2,643.9	1,567.0	150.9	1,127.4	1,983.6	103.2	166.3	58.9	126 57	7,397	258 13	131 65	105.8
Average per pen.....	528.7	313.4	30.1	225.4	396.7	20.6	33.2	11.7	25 31	1,479	51 62	26 33	21.1
Average per hen.....	52.8	31.3	3.0	22.5	39.6	2.0	3.3	1.1	2.53	1,479	5 16	2 63	21.1

## SELECTION OF CONTEST PENS

From year to year a marked improvement has taken place in the selection of the contest pens. Breeders soon learned that the proper way to send birds to the laying contests was to have them just ready to lay by November first, and the result has been improved egg yield throughout the year and especially in the autumn and winter months. In the 1923-24 laying contest there were very few undeveloped pens when the contest started, and on the other hand



there were very few pullets that were over-mature and in heavy lay with the natural result—partial moult after being in the contest a few weeks.

Another factor which has assisted the breeders in no small way is the assistance rendered by the Registration Inspectors. Matings were made at the proper time, using only desirable breeders, chicks were hatched at the proper season and properly cared for during the brooding period so that the pullets were just the proper age and with the right development to make steady gains during the summer months.



Fig. 13.—A registered bird, showing wing-label and tattoo-mark.

## THE DEVELOPMENT OF THE PULLET

Pullets intended for contest pens should be hatched during the most favourable period of the hatching season. They can then develop into strong, healthy birds and be able to stand the strain of high egg production which is the inherited character of well-bred registered hens. Breeders who intend entering their pullets in the laying contests should make sure that the chicks receive only the very best feeds during the growing season, that they are properly housed so as to give them every chance possible, and as autumn approaches that the birds are made familiar with the feeds and feeding practice used in the contest. Careful consideration to detail of this kind will go a long way in giving the contest pen a fair start on the road to success.

It is well known and universally recognized that all pullets are not alike and the breeder that has sufficient stock to enable him to make a careful selection cannot do better than go over them carefully before shipping them to the contest. The careful selection of a well-bred pen of bred-to-lay pullets, which have been hatched at the proper time, have received the proper feed

and care throughout the growing season, and have been laid down at the contest ready to start laying the first week in November, have had more to do with high production than is generally supposed.

### REGISTERED BIRDS

The growth of registration has been gradual and constant and at the present time there are 1,420 registered birds in Canada. Of this number 269 were registered in 1922, 398 in 1923 and 753 in 1924. By provinces the birds are distributed as follows:—

Province	Breeders	Registered Birds
Prince Edward Island.....	20	72
Nova Scotia.....	17	87
New Brunswick.....	22	80
Quebec.....	22	68
Ontario.....	67	511
Manitoba.....	15	78
Saskatchewan.....	7	31
Alberta.....	28	186
British Columbia.....	65	307
Total.....	263	1,420

The Canadian National Poultry Record Association intend to issue a record book giving the pedigree of each registered female. This annual will be the first of its kind ever issued for poultry and will give all necessary information about poultry registration as well as the name and address of each breeder of registered poultry in Canada.

### REGISTRATION QUALIFICATIONS

The granting of registration to poultry in Canada marks one of the milestones in poultry progress and places Canadian registered poultry in the very front rank. Egg records made in the Canadian National Egg-Laying Contests are the only ones recognized by the federal government as being sufficiently accurate to warrant registration being given to birds qualifying for such distinction.

Canada is the first country to provide for registration of poultry in a national way, and has done so by standardizing her egg-laying contests as to make them the medium through which registration may be obtained. All registration certificates are issued by the Canadian National Live Stock Records Office, Ottawa.

Registration may be obtained as follows:—

1. Females of any of the recognized breeds, free from standard disqualifications and typical of the breed they represent, providing they lay 200 eggs, which weigh at least 24 ounces to the dozen, in any of the Canadian National Egg-Laying Contests as approved by the federal Department of Agriculture.

2. Males, the sons of registered females, which are free from standard disqualifications, typical of the breed, and have passed inspection between the age of six and twelve months, providing their dams and grand-dams have qualified in any of the Canadian National Egg-Laying Contests, and their owners have fulfilled the necessary requirements as laid down by the Constitution of the Canadian National Poultry Record Association. Or,—

3. Males that are the sons of registered males and registered females (except first generation registered females) and have passed inspection as to constitution, standard requirements, breed qualifications, and the other requirements fulfilled as laid down by the said constitution.



It will be noticed that females cannot be registered on their ancestry, but on the production basis, and then only when they and their owners have fulfilled the requirements as laid down by the Constitution of the Canadian National Poultry Record Association. A male to become eligible must have been the son and grandson of a registered female and his sire and grandsire must have been approved male birds, or the son of a registered male and at least a second generation registered female. The males to qualify must pass inspection as to standard requirements, constitutional vigour, and be worthy specimens of the breed and variety they represent.

By such a pedigree-system we hope to be able to place before the buying public male birds of known ancestry, giving such birds the seal of the Department of Agriculture as a guarantee that they are approved birds and by so doing offset the uncertainty which at present exists in the mind of the buyer as to the breeding of the bird for which he may have paid a high price.



Fig. 14.—Western Quebec Egg-Laying-Contest house, Lennoxville, Quebec.

### THE REGISTERED MALE BIRD

The first females to be registered were those qualifying in the 1921-22 laying contest and the first males to be registered will be the grandsons of these females, first available in the autumn of 1925. The method of securing registered male birds is gradual, and is believed to be authentic. The method follows.

1. The females entered the 1921-22 laying contests and qualified by laying 200 eggs or over which were of standard weight. These females were then marked and duly registered.

2. The registered females were then returned to their owners, retained until the following spring (1923), mated to an approved male bird and the progeny wing-banded and carefully recorded.

3. The pullets from these matings were wing-labelled with the Canadian National Poultry Record Association wing-label after being passed in October 1923, and entered in the 1923-24 egg-laying contests as second-generation females.

4. All second-generation pullets which qualified were duly registered at the close of the 1923-24 egg-laying contests. (All pullets which failed to lay the required number of eggs were disqualified, as well as all those which laid the required number of eggs provided such eggs graded less than 24 ounces to the dozen.)

5. These second-generation registered females were mated in the spring of 1925 to approved males and their male progeny, providing they pass inspection, will be eligible for registration.

All registered and approved birds both in the laying contests and on the breeding plants must pass the closest inspection by a federal Inspector, and all matings, pedigree systems and records must be open for inspection to the government authorities at all times.

It takes four years to produce a registered male bird from non-registered birds and the method of securing them is safe-guarded at every turn. To such cockerels belongs the distinction of being the first registered male birds, not only in Canada but in the world.

It is not the intention of the Department of Agriculture to qualify, in the immediate future, sufficient registered male birds to mate with the mass of the breeding females in Canada, but rather to secure a fair number of really high-class males to mate with the females of like breeding.

The males from this registered mating can then be used on farms having trap-nest records of the females (Record of Performance) and the males from this mating can then be used to mate with the farm flocks throughout the country. Such a system should lead to gradual grading-up of farm flocks and it is in this way that registration will be of the greatest benefit to the poultrymen of Canada.



# CANADIAN NATIONAL LIVE STOCK RECORDS

## CANADIAN NATIONAL POULTRY RECORD ASSOCIATION.

Incorporated under the Act respecting Live Stock Record Associations at the  
Department of Agriculture, Ottawa, Canada.

### Certified Copy of Pedigree Recorded in the Canadian National Poultry Record.

If a change of ownership occurs, this certificate with application for transfer and  
transfer fee should immediately be forwarded to Record Office.

Breed.....Variety.....

Name.....Registration Number.....Sex.....

Contest Band.....Wing Label.....Chick Band.....

Tattoo Letters Right Wing.....Tattoo Number Left Wing.....

Born.....

Bred by.....

Sire.....

Dam.....

Typed by

Ottawa, Canada.

THIS IS TO CERTIFY that the above pedigree is on record in the  
Canadian National Poultry Record.

[SEAL]

Approved

For Minister of Agriculture,

R. G. T. HITCHMAN,  
Registrar.





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